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# Students' Knowledge of the Minimum Essentials in High-School Religion, Grades 7-12

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STUDENTS' KNOWLEDGE OF THE MINIMUM ESSENTIALS  
IN HIGH-SCHOOL RELIGION, GRADES 7-12

BY

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A Dissertation Submitted in Partial Fulfillment  
of the Requirements for the Degree of

Doctor of Philosophy

in

Education

LOYOLA UNIVERSITY

1941

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## INTRODUCTION

The content of the religion curriculum in high school is without doubt a matter of fundamental concern to religious teachers. The literature reveals that one of the problems that most frequently confronts teachers of religion is to determine what shall be taught. There is involved in this problem the question of relative emphasis that should be allotted to the various topics in the teaching of religion. The answer to this question would provide at least a partial solution to the problem of content of the high-school course in religion. There is no intention to imply that any truth which God has revealed and the Church teaches is superfluous, useless, or unnecessary. On account of the abundance of material in the field of theology and the limited time for religious instruction, however, it becomes incumbent upon the classroom teacher to make a selection of subject matter. Students leaving high school well founded in the essentials of religious doctrine are better equipped to meet life situations than those who know superficially a multiplicity of facts. But what are those essentials which every high-school graduate should know perfectly?

The term essentials in religion has been discussed from various points of view. The Reverend H. G. Hughes (32:698-700) wrote a series of papers in which he made a distinction between essentials and non-essentials of the Catholic religion. He answered four questions: what Catholics must believe and what they are free to believe; what Catholics are bound to practice and what they are free to practice. He defined essentials as "those beliefs and practices which the Church demands from all as necessary for salvation";

and non-essentials as "points of belief and practice not made of strict obligation for all".

The Reverend Felix M. Kirsch, O.M.Cap. (35:384-92) discussed essentials from the standpoint of general outcomes of learning. He enumerates three such essentials: (1) the formation of habits; (2) training in ideals; and (3) the knowledge factor.

Essentials as used in the present study refers to the content of the curriculum in high-school religion. The term as used throughout the study, means those basic truths or facts in religious doctrine so important that every high-school graduate, even the slowest, should know them perfectly.

An experimental approach to the problem was made through a series of research studies conducted by the Department of Education, at Loyola University. The general purpose of these research studies was to "assist schools to teach better the fundamental truths in religion". Stated more specifically, the aim was to determine through research methods that fund of factual information which constitutes the minimum essentials in high-school religion and to discover to what extent these essentials are being successfully taught and learned. The present study forms a unit in this extensive piece of work. The project owes its origin and development to the Reverend Austin G. Schmidt, S.J. He gave the impetus and guidance that made possible the undertaking and completion of these research studies.

## CHAPTER I

### THE PROBLEM

#### A. The Foundation of the Problem

All the truths revealed by God and taught by the Catholic Church are important, but religious educators agree that there is a core of basic truths which every Catholic boy and girl who graduates from high school should know so well that it has become a part of everyday life and conduct. Analyses of catechisms and religion texts have revealed that students are required to study, memorize, and recite thousands of facts in dogmatic and moral theology in the course of their eight years of elementary and four years of high-school religious instruction. Without doubt, some of these truths are not repeated from grade to grade; others receive undue emphasis.

When learning religious truths superficially and passing on to others without sufficient repetition, there is danger that students may acquire a general vague knowledge of many things and lack a thorough knowledge of the more fundamental truths in religion. With the purpose of determining a core of fundamental truths, or minimum essentials, which every American high-school graduate should know and remember always, research work on the problem entitled "A Study of the Minimum Essentials in Religion" was undertaken in 1938, by Sister Mary Philemon, S.S.N.D. (43).

Two years earlier Sister Mary Angela, S.S.J., in collaboration with an associate Sister St. James, S.S.J., began a study in religion essentials. The sisters listed each doctrinal fact on a separate filing card. The facts were compiled from the textbook of Reverend Francis B. Cassilly, S.J.,

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entitled "Religion: Doctrine and Practice". Their completed list of filing cards numbered approximately 10,000. This project provided the basic material for Sister Mary Philemon's work. To the facts compiled by Sister Mary Angela and Sister St. James were added all additional facts found in the "Catholic Catechism" by Gasparri and in the "Baltimore Catechism".

A preliminary jury of eight religious educators eliminated from these 10,000 truths such facts which were unanimously agreed upon as non-essential. The remaining 2,187 truths were compiled into a check list, printed, and sent to approximately 400 jurors. The jurors were requested to add to the list any truths which they thought had been omitted.

The purpose of Sister Philemon's study was "to determine the minimum essentials in dogmatic and moral theology" (43). The minimum essentials were defined (1) as a selected body of facts of such importance that every Catholic high-school graduate should know them; (2) as facts that should be remembered perfectly, long after they have been studied; and (3) as facts of such a nature that a Catholic high-school graduate who does not know them may be "justly accused of gross and shameful ignorance".

The jurors were instructed (1) to check the column Yes if the fact was thought without a doubt to be a minimum essential; (2) to check the column marked with a question mark (?) if they doubted whether it was a minimum essential; and (3) to check the word No in the third column if the fact should not be included as a minimum essential. Of the 400 jurors to whom the check lists were sent, 329 responded. In computing the results, a doctrinal truth was considered a minimum essential if it was voted as such by 75 per cent or more of the jurors. The following method of calculation was used: (1) An item checked Yes received a score of two; (2) an item



checked doubtful received a score of one; and (3) one checked No received a score of zero.

Of the 2,187 truths submitted to the jurors, 963 received a rating of 75 per cent or more. These 963 truths were considered the essentials as determined by the study.

### B. The Problem

With the establishment of a fund of doctrinal truths as minimum essentials, the question arose as to how successfully these truths were being taught at the various grade levels and how adequately students were learning them. The problem of the present study is curricular in nature; its object was to ascertain to what extent students in Grades 7 through 12 are learning these minimum essentials in religious doctrine.

Inherent in the general statement of purpose are several precise aims which may be indicated by the following questions. Which essentials have been learned so well by students in the seventh grade that they need not be taught at any time during the four years of high school? Have some of the essentials been learned in the lower grades and apparently forgotten by the end of the twelfth grade? On which of the essentials is the growth of the students' knowledge substantial? Reasonable? Unsatisfactory? Which of the essentials are known by practically all of the students in the twelfth grade? By the majority of the twelfth-grade students? Which essentials have been neglected?

### Technic of the Study

The 963 doctrinal truths, referred to throughout the study as minimum

essentials, were put by the writer into the form of objective tests. A nationwide survey, including 41,150 students, grades 7 through 12, distributed throughout 41 states and the District of Columbia, was conducted in May 1939. The results of the survey constitute the data of the present study.

### Factual Information

Religious instruction is an exceedingly complex and profound procedure. Its purpose is well expressed in the answer to the first question in the catechism; namely, that man may know, love, and serve God in this life and be happy with Him forever in the next. The implications of the learning process are threefold: knowledge, appreciation, and practice. These three outcomes of learning include every element essential to living the life of a practical Catholic. The present study will concentrate on the first outcome, the acquisition of factual information. Appreciation and practice are not thereby being undervalued, but the present study is limited to factual information for three reasons: (1) because each unit within the scope of the large research problem must of necessity be limited; (2) because factual information yields itself most satisfactorily to measurement; and (3) because the data of the present study can be utilized in stimulating further study with respect to appreciation and practice.

In confining the study to factual information, the problem will still be dealing with a fundamental task of religious instruction. "Throughout the course of childhood and adolescence we have both been grounded in the elements of the Church's teaching and drilled in the practice of its ordinary acts proper to our years" (20:1). Acquisition of factual information

does not necessarily exclude appreciation and application. In vitalized teaching the imparting of information always involves the other two elements. Acquisition of factual information is a first step toward appreciation and application. "It is considered absurd for education to attempt to proceed without ideas, or to abjure the conviction that true and important ideas are the first requisite in guiding profitably the emotional life of the normal individual" (39:5).

Factual information occupies a basic place in religious instruction and permeates all religious education (1) in teaching the truths one must believe; (2) in imparting information on the laws of God and of the Church; (3) in acquainting man with the means of grace; (4) in enabling man to impart information to others; and (5) in enlightening man to defend the truths of faith against hostile attacks (43:17-19).

### Objective Measurement

In determining the extent to which students in Grades 7 through 12 have successfully learned the minimum essentials in religious doctrine, the objective test form was considered the most effective measure. It is objective as to administration and scoring, an essential element when testing a large group. With the curricular validity established by the analysis of religion textbooks and the vote of expert jurors, the 963 facts adjudged as essentials were formulated into the various types of objective tests: true-false, multiple-choice, best-answer, completion, problems, and matching tests.

### Time of the Experiment

The present study was undertaken in the spring of 1938. The construction of the test items was begun in July of the same year, and occupied most of the writer's time till February 1939. During the following months the test items were submitted to theologians and test experts for criticism. In May 1939, a nationwide survey was conducted. The scoring of the tests and the tabulation of the results was accomplished with the assistance of a large corps of teachers during the summer of the same year. By September 12, a report on each individual test item in terms of percentages of correct answers was completed.

## CHAPTER II

### CURRICULAR STUDIES IN HIGH-SCHOOL RELIGION

The teaching of religion in high school is a much-discussed subject at national and regional conventions, at diocesan committee meetings, among groups of bishops and priests, and among members of religious communities. As Reverend William T. Kane, S.J. (34:420) states, two ideas predominate in these discussions: "that religion is the most important form of all education and that we do it rather badly." The Reverend Daniel Cunningham (14:447) calls this dissatisfaction an encouraging sign, and correctly so, if the criticisms directed against the various phases of religious instruction lead to improvement and better learning products. Fault has been found with traditional methods of teaching, with inadequate teacher preparation, with the limitation of available texts, with indefinite formulation of objectives, and not least in importance, with the lack of stability in organization and grading of subject matter.

Religious teachers do not question the importance of teaching religion. To teach religion is the primary purpose of the Catholic high school. What the Reverend Charles J. Deane, S.J., (16:133) designates as the important questions in the teaching of religion in the college may be equally well applied to the high school: "How much religion are we to teach and how are we to teach it? What shall be the minimum content of the religion course in our colleges and what methods shall be used to insure its grasp by the students?" The fundamental problem involved in these two questions is that of the curriculum. The importance of a well organized curriculum has been

succinctly expressed by the Reverend George Johnson.

"The curriculum is the fundamental element in a school system. Upon it everything else, administration, supervision, methods of teaching, testing depends. It is the concrete embodiment of the school's ideals; in it are implied the changes the school aims to effect in the mind and the heart of the child in order that he may be led out of the Egyptian bondage of his native tendencies to the Promised Land of his social inheritance. To it the teacher turns for guidance and in it **finds a means of avoiding the indefinite and haphazard**; it serves the supervisor as a norm for judging the quality of teaching; it is a basis of the choice of textbooks. It is the pivot upon which the entire system turns" (33:528).

The Reverend Thomas Cawley (12:215-217) deplores the haphazard approach to the teaching of religion and the attempt to cover too much material. He advocates the plan to teach for mastery in the essential topics of religion and to repeat these essentials each year according to the needs of the students. This, he states, is the only way in which the essentials can become a motivating force influencing the lives of the students. In his estimation, the following ten topics, some of which are more comprehensive than others, should be taught specifically: God, prayer, the Holy Sacrifice of the Mass, the sacrament of penance, the two great commandments, chastity, matrimony, the support of the pastor, religious vocation, and ignorance. And results should be sought in terms of knowledge and appreciation in a life of virtue and worship.

Praiseworthy attempts have been made from various points of view to improve the content of the religion course in the high school. The earlier studies are of a philosophical nature, but within the past fifteen years investigations and experimental studies have been made attempting to determine what should be included in the course of study and how the subject-

matter should be presented that it may function in the daily lives of Catholic young men and women. There has been a general trend away from traditional teaching of the catechism without abandoning the contents of the catechism. This trend is evident in the publication of the numerous recent religion textbooks with their diversified content (4:953-59), and in the emphasis placed on correlating the teaching of the catechism, Sacred history, and liturgy, which form one organic whole and should mutually interpenetrate (24:321-31).

The authors of textbooks and of experimental courses of study are mindful of the fact that essentials should be given major attention. Brother Agatho, C.S.C. (1:144) aptly states, "Put first things first and keep them there, and let the trimmings minister to the essentials". Brother Julius Kreschel, S.M., (36:334-45) places the teaching of essentials, on the student's level, as the first objective of any religion course. Very Reverend Peter Resch, S.M., (45:208-18) points out that high-school students need solid grounding in the essentials of their religion. Authors likewise agree that a certain amount of memory work is necessary in the teaching of religious doctrine, but the amount should be limited to essentials. Explanations by the teacher and understanding by the student should precede memorization.

It is generally conceded that the textbooks used in the teaching of any subject indicate the content material studied in the classroom. The movement away from the use of the catechism is evidenced by the numerous religion textbooks in use in the high school. Sister Frances Therese (24:953-59) attempted to find the trend in the teaching of high-school religion by a study of the type of textbooks in use. The date of a question-

naire sent to 177 high schools revealed thirty-three basic religion texts in use, and a tendency, especially in the twelfth grade, away from the doctrinal texts toward a diversified content.

In his Some Methods of Teaching Religion, the Reverend John T. McMahon (40) discusses methods which affect profoundly the content of the high-school course: The Munich method with its Herbartian approach, the Yorke method with its stress on memorization, the Sower Scheme with its concentric plan, and the catechetical method, called the traditional method of the Church, all of which use the catechism as an essential instrument.

Reverend John K. Sharp (51) in his work on Aims and Methods in Teaching Religion offers valuable suggestions as to content. Among other things he states that subject matter should be concentrated around certain large meaningful topics instead of isolated details. For example, instead of memorizing five qualities of satisfaction, the child might be given a single concrete picture of those qualities in a penitent. He also points out the erroneous concepts of the catechetical method of teaching religion. He maintains that the nature of doctrinal theology--revelation by God--demands some memory work. But this memory work should be limited to the essentials and should be required only after the student understands.

Among the tentative experimental courses of study are various types prepared for the use of dioceses or of individual communities.

About twenty years ago, Reverend William A. Russell (48:144-52) prepared a course for Columbia College Academy, Dubuque, Iowa, in which he made the teaching of religion center around the Person of Jesus Christ. His aim was to "put on Christ--to know Christ." In 1937, he published a text Christ the Leader (49) for use in the junior year of high school.



The late Reverend Virgil Michel, O.S.B., and the Reverend Xavier Kapsner, O.S.B., (42:408-11) collaborated in offering a four-year course in doctrinal theology. During the first three years the Commandments, the Sacraments, and the Creed are to be studied. The fourth year is to be devoted to the study of Conway's "Question Box" and religious periodicals. The authors state that in the lower grades we should develop particularly the heart and in the higher grades the intellect. But at no time should either be considered to the exclusion of the other.

Brother Julius Kreschel, S.M., (36:334-45) prepared a course for the use of the Brothers of Mary in the St. Louis diocese. All the schools devote two-and-one-half years to the core material usually grouped under headings of moral theology, worship, and dogma. On this point all teachers agreed unanimously. The course is flexible because it is for use in various dioceses. Aside from the core material there is a great variability in the further offerings. Brother Kreschel suggests for use in the fourth year--and there are others who support him in his view--a review course that would give students a closer view of the duties expressed in the Commandments of God and the Church. He realizes the difficulty of appeal in such a review and suggests "an advanced general course in religion that surveys anew the whole range of religion study and presents the matter with a fresh vigor."

Under the direction of Brother Agatho, C.S.C., the Brothers of the Holy Cross (1:144-64) prepared a course in high-school religion. The results of a questionnaire sent to members of the community expressed three convictions: (1) That provision should be made for intensive study of all that is comprised under the traditional categories of morals, dogma, and worship; (2) that provision should be made for the study of the life of Christ; and

(3) that there be direct correlation between teaching and living. These three convictions determined the content of the religion course. "Answers to the questionnaire also advocated a review in the fourth year. For the first three years the text of Religion: Doctrine and Practice, by the Reverend Francis B. Cassilly, S.J., is used.

Reverend Joseph A. Dunney (19:182-207) prepared a course for the high schools of the diocese of Albany. Father Dunney holds that dogma has first place. He calls it a "spiritual dynamite chock full of power, action, achievement." But dogma must find expression in conduct. He suggests for the first year a review of the essentials in catechism, for the second year a study of the means of grace, for the third year Catholic duty, and for the fourth year concentration on the lives of the saints. The key to his plan is to know God, to love Him, and to serve Him.

Intensive study on the organization of the curriculum in religion was carried on at the University of Notre Dame during the summer of 1924 and resulted in the publication of four research bulletins (31:188-99). Content became the vital part of the study. The study of available literature and the results of a questionnaire revealed that there is not sufficient differentiation between the teaching of religion in the high school and in the elementary school. The outstanding difference appears to be the teaching of Church history as a distinct subject in the high school. Five experimental studies on the reorganization of the curriculum were studied and analyzed:

a. The course prescribed in religion by the Catholic University for its affiliated high schools.

b. A course prepared by the Reverend William H. Russell for Columbia College Academy, Dubuque, Iowa.

c. A course prepared for the preparatory school of St. John's University, Collegeville, Minnesota.

d. A course prepared under the direction of Reverend Joseph A. Dunney for the high schools of the diocese of Albany, New York.

e. A course projected for the high schools of the diocese of Brooklyn.

All five courses recognize the needs of the adolescent (31:188-97).

The central idea of the Dubuque course is the personality of Christ. The New Testament becomes the basic text. The Catholic University course begins with the interest of the student and traces the development of the Church as a unifying concept around which to group the other materials of instruction. The Albany course appeals to the adolescent's natural love of the colorful and of reaching the emotional and voluntary mainsprings of action. The Brooklyn course uses personal application in worthy activities of the truths and ideals derived from the classroom instruction. All depart from the traditional courses and provide for activities not explicitly found in traditional courses. Each course preserves a core of dogmatic doctrines, not despising memorization of exact definitions. The psychological rather than the theological approach is followed.

Research Bulletin No. 4 of Notre Dame University, 1924, entitled "Curriculum Study in Religion" (2) presents three tentative plans for reorganizing the course in high-school religion. Plan A is outlined by Sister M. Florence Louise, St. Mary's College, Monroe, Michigan; Plan B is presented by Sister M. Ann Elizabeth, St. Cecilia's Academy, Washington, D.C.;

and Plan C by Brother Philip, C.F.X., Central Catholic High School, Wheeling, West Virginia.

Research Bulletin Number 2, Series 20, (3) Presents a course in religion for the high school by the Sisters of Charity of Providence, Seattle, Washington, in which the Mass and the Holy Eucharist are made the nucleus for the first year, the Sacraments are treated in the second year, Bible and biblical characters are studied in the third year, and Church history is the main topic of the senior high-school year.

The Reverend John Laux (38) points out that all teachers of religion appear to agree on four points: (1) the subjects to be taught: doctrine, liturgy, Holy Scripture, and Church history; (2) the time to be assigned to the teaching of religion--one period of 45 minutes daily as ideal and not less than two periods a week; (3) correlation with other subjects, especially literature and history; (4) the use of textbooks. His statement that they disagree on the place of the various subjects in the teaching plan is borne out by the literature on content, courses of study, and religion texts. His grading of doctrinal subject matter differs somewhat from that followed by the Reverend Francis Cassilly, S.J., (10). Father Laux suggests for the first year the study of the Apostles' Creed, for the second year, the Means of Grace, and for the third year, the Commandments. Father Cassilly offers the study of the Commandments for the first year, the Means of Grace for the second, and the Apostles' Creed for the third.

The Reverend Raymond Campion (8:306-19) says that the aim of teaching religion is to produce practical, devout Catholics. With Catholic Action as the unifying central theme he includes the teaching of dogma, liturgy, and morals, Church history and Sacred Scriptures, and the social and economic

teachings of the Church. Such an organization, he states, will lead to making religion the central theme of all other subjects. It will keep in view the ideals of Catholic Action and offer laboratory experience in religion.

Sister Dominica, O.S.U., (18:51-57) offers an experimental plan developed in school with a group of freshmen, a plan which she calls parallel studies. Each study is parallel with the time in the cycle of the Church year. For example, during Advent the study of doctrinal truths and of liturgy, the readings and discussions, inspire the spirit of the season. Appreciation and extensive reading are stressed throughout the year.

Reverend Hilary DeJean (17) studied the content of current Catholic periodicals to determine the relative emphasis given to such subjects in religion as dogma, morals, liturgy, apologetics, sociology, Church history, and missions. He analyzed the contents of ten periodicals over a period of one year. His data showed that 28 per cent of the articles were devoted to sociology; 11 per cent to moral theology, and 10 per cent to dogma. He concluded that sociology should receive more emphasis in the classroom and that dogma and moral doctrine are basic in religion because thereby students are grounded more firmly in what they are to believe as revealed by God to man.

A study similar in nature was conducted by Sister Mary Carmel, O.S.U. (9:306-19). She analyzed the content of thirteen Catholic periodicals and magazines to determine the aims in the teaching of religion. She found that over 100 differently expressed aims were proposed as fundamental or contributory to fundamental aims. She concluded that these aims, which are subjective rather than objective, affect the what and the how of our teaching

of religion. From the results of her study she formulated principles for a program of general controls for the construction of a religion course.

Sister M. Antonina, O.P., (4:852-67) studied the problem of content from the students' standpoint. Sister M. Antonina sent a questionnaire to 251 college students and 172 experienced men and women to determine their opinion as to the various aspects of religious education which had been offered them. She found (1) a favorable attitude towards religious instruction that is practical; (2) a plea for wholesome and concrete treatment of practical life situations; (3) desire for practical examples; (4) the habit of some devotional practice as an outstanding influence; (5) the significance of the personality of the teacher. The student's point of view cannot be accepted as the final authority in determining the content of a course in religion, but as an aspect of the problem it should not be overlooked.

Sister Antonina (5:356-74) also studied the problem of content of high-school religion from another angle. She sent a questionnaire to 125 priests in twenty-six states to "secure leads that might serve as a guide in the selection of content for the religion course in the Catholic high school." The questionnaire was of a general nature. The data suggest the importance of delegating the teaching of religion to the best teachers; of placing greater emphasis on religious activities as a phase of religious education; of including the study of practical life situations; of giving a central place to actual habit formation; of training to a more active cooperation in their own religious formation; and of inculcating the spirit of sacrifice into pupils.

In 1929, Doctor Ellamay Horan(28:375) sent a questionnaire to 300 high-school graduates, to sixty-five Catholic women of more than ordinary experi-

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ence, and to eighty-five Catholic women, graduates of public schools. The purpose of her study was to determine (1) whether the curriculum of our Catholic high schools provided a means whereby the students would be prepared to meet life problems of the Catholic women of the world; and (2) whether the Catholic school should administer to these needs. The first question was answered in the negative; the second in the affirmative.

In the Journal of Religious Instruction for May 1933, Doctor Ellamay Horan (30:762-66) challenged the teachers of high-school religion with the question "What Have Our Fourth Year High-School Students Achieved?" In her article she presented a list of questions directed to the teachers in terms of attitudes they wish to develop in their students that they may evaluate the important learning products of high-school religion. She also offers a list of important topics for oral or written expression, which teachers might use to estimate the success of religious instruction during the four years of high school.

Sister M. Aquinas (6) conducted an investigation of the content and the form of high-school examinations in religion. Accepting the final examinations as a good index of what teachers consider important, she analyzed the final examination questions of twelve high schools given over a period of ten years. Two hundred examinations, fifty for each grade, were analyzed from the point of view of form as well as of content. Sister Aquinas found that the vast majority of the four thousand questions were given only once. She concluded that either there are a vast number of important questions or the questions were given at random, regardless of their importance. But the trivial nature of far too many of the questions and the lack of care in formulating them pointed toward random selection. Apparently there

is little agreement among teachers as to what is important or essential in high-school religion examinations.

The literature on the curriculum in high-school religion has been studied from various angles, and all educators are in agreement that there are fundamental truths which should be given major emphasis in the religion course. But no study had been made from that point of view till the Reverend John Ryan Gleason (26) of Loyola University, Chicago, undertook to discover the relative importance of the topics included in the religion curriculum at the present time. He attacked directly the problem "What shall be taught?" He analyzed five widely used textbooks to find which topics were receiving major emphasis. To determine the relative importance the author attached to the topic, Father Gleason measured the amount of space (centimeters) devoted to each topic. The topics fell into three classes of about 100 items each which he designated Classes I, II, III. A list of the topics was submitted to 160 experts--Catholic educators and authors--to determine which of these topics should receive major emphasis. The check list was also sent to a jury of parents and alumni. Father Gleason found that one hundred topics were considered by the jury of experts of such importance that they should be studied adequately in the high school. They would constitute the minimum essentials. On forty-two topics there was a significant difference of opinion between the vote of the jury of experts and the authors of textbooks. Thirteen topics were placed by the jury of experts in the first class and in the third class by the authors of textbooks. Twenty-nine topics were assigned by the jury of experts to the third class and to the first class by the authors. On thirteen topics there was no agreement. Father Gleason's study bears out the evidence suggested in some of the



earlier studies that there is a divergency of opinion as to the relative value of content in the teaching of high-school religion and that more extensive study of the curriculum is needed.

Father Gleason's problem stimulated further study on the essentials. Sister Mary Philemon, S.S.N.D., (43) undertook to find through research methods the facts of religious doctrine which are considered the minimum essentials. Her study is closely related to the present problem and has been fully discussed in the first chapter. The purpose of Sister Philemon's study was to determine by means of analysis of textbooks and through the pooled judgment of experts which doctrinal truths were so important that every high-school graduate should know them so well as to remember them perfectly. From an original list of 10,000 facts, a preliminary jury eliminated those truths which obviously were not essential. There remained 2,187 truths pertaining to the Apostles' Creed, the Commandments, and to the Means of Grace. A check list containing these 2,187 facts was printed and submitted to a jury of 329 Catholic educators throughout the nation. The results showed that 963 facts were adjudged by 75 per cent or more of the jury as minimum essentials.

The present problem, which has for its purpose to determine the extent to which students in grades seven to twelve have learned the essentials in high-school religion, is a direct outgrowth of the study made by Sister Philemon. The 963 facts determined as minimum essentials by her study were put into the form of objective tests and administered to students in a survey made during the month of May 1939.

## CHAPTER III

### THE TECHNIC OF THE STUDY

#### A. Construction of the Tests

The first step in the present investigation was to put the 963 facts adjudged as minimum essentials in the form of objective tests. The objective type of examination was selected as a means to determine how well students had learned these doctrinal facts because it is universally recognized as the best single means of measurement. It is objective as to administration and scoring; its validity can be established; and it permits extensive sampling. It is also generally considered the best means for testing factual information or memory.

This chapter has for its purpose to explain how the validity of the test was established; the place of objective examinations in testing the results of religious instruction; the technic used in constructing the test items; and the method used in selecting schools to cooperate in the survey."

#### Validity of a Test

The first and foremost criterion of a test is its validity. A test is valid if it measures what it aims or purports to measure. There are two well-recognized kinds of validity: content and statistical.

"The prime consideration is the delineation of a set of specific guiding objectives and conditions which the test items must meet to be valid" (47:304). The content validity of a test may be established in various ways. Two of the most commonly used are the analysis of textbooks and the

pooled judgment of competent persons. The analysis of textbooks indicates what is being taught and the pooled judgment of experts points out what should be taught. Both methods were utilized in the present study. The doctrinal truths adjudged by a jury of 329 religious educators as minimum essentials were taken from three widely used textbooks in high-school religion. They were considered by the jurors of such importance that every high-school graduate should know them perfectly. The facts were put into the form of test items and administered to 860 students as a preliminary try-out; they were then revised and submitted to theologians and to test experts for criticism.

Statistical validity is expressed by the correlation of a test with a criterion. Hence statistical validity depends upon the validity of the criterion and is only as valid as the criterion. A review of the literature indicates that the criterion of a test in most cases is either teachers' grades or marks, or a test already standardized in the subject field. However, teachers' grades are considered unreliable because of their subjectivity and the wide differences of judgment on the same subject matter. In the present study no effort was made to establish statistical validity because (1) there is no standardized test in religion; and (2) it would be difficult to obtain grades from teachers in a nationwide survey, and even were they obtainable, their value would be questionable. In the final analysis, the validity of a test depends upon the selection of the test items. "No statistical refinement can raise the reliability or validity of a test above the level of composition of the individual items and their selection from the area to be measured" (46:307).

### Objective Tests in Religion

In the field of religion the objective test is widely recognized as a valid means of measurement. In May 1932, Doctor Ellamay Horan, editor of the Journal of Religious Instruction (27:161-74), conducted an investigation on the advisability of the use of objective tests in the teaching of religion. She sent a questionnaire to twelve members of the Advisory Board of the Journal, to eighteen superintendents, and to eight other educators. They were asked to express their approval or disapproval of the four forms of objective tests, true-false, completion, best-answer, and matching, from the primary grades to the college level. The three groups approved in general of all forms of tests in the upper grades except the true-false. On this type the members of the Advisory Board were divided. On the whole, there was slight objection to the use of these tests in the high school.

The Reverend Leo Foley, C.M., (21:544-50) professor of dogmatic theology, gave to his class a weekly test in the form of true-false statements. After a certain period of time he asked for reactions to this type of testing. No report was given on the sixteen questions which the theological students had been required to answer, but the several pages of their criticisms were enlightening. The criticisms were, on the whole, favorable; the unfavorable criticisms were directed against the construction of the test items rather than against the true-false test as a means of measurement.

According to the Reverend Joseph A. Schabert (50:121-25), the objective examination serves three uses in the college. It may be (1) a means of determining the achievement status of freshmen; (2) a teaching device; and

(3) a measurement of achievement status of students at the end of their training in religion; in other words, a comprehensive examination.\* These uses extended downward can be applied with equal value in the high school.

An editorial in the Journal of Religious Instruction (29:117-18) states that even the child in the primary grades should learn to distinguish between the true and the untrue, and that the use of the true-false test leads to discriminating judgment. The child learns to identify what the Church teaches from what it does not teach. "Educationally, the true-false test is sound. Moreover, theologians see nothing unorthodox in its use. The problem of using the true-false test in application to religious instruction has been presented to several eminent theologians for criticism, and the above statement is made as a result of this investigation".

#### Construction of the Test Items

The facts adjudged as minimum essentials by the jurors numbered 963. On account of similarities it was found necessary for testing purposes to eliminate fifty facts. And sixteen essentials were divided into two or three parts; for example, Essential Number 19 states, "Faith is a free gift of God and a special mark of His love". It was separated into two facts as follows: "Faith is a free gift", and "Faith is a special mark of God's love". In this way the list was increased by eighteen facts. There remained a total of 931 facts.

These 931 facts were put into various forms of objective tests: true-false, multiple-choice, best-answer, completion, problems, and matching. In constructing the test items, two questions guided the tester: (1) Has the fact been put into the best possible form of test item? and (2) Does

the question as worded test the fact that it is supposed to test? Since the purpose of the study was to make a survey of all the facts adjudged as minimum essentials, none could be eliminated, even should it be a truth that a child had learned in its early years. Some of the facts lent themselves better to one form of test item; others readily adapted themselves to several forms. After a fact of the latter type had been put into the various forms, such as true-false, multiple-choice, or best-answer, it became a matter of judgment as to which was best. Each fact was typed on a 6"x4" card and below it the test item was typed. This technic made possible an exact check on each fact.

It was of the utmost importance that these test items be theologically correct. Therefore, they were mimeographed and submitted to theologians for criticism.

Since it was inadvisable to administer all the test items to an individual student, they were distributed into eight forms. Each form comprised a sampling of items on the Apostles' Creed, the Commandments, and the Means of Grace, and was of such length that it could be administered within a forty-five minute class period. The tests in mimeographed form were given to 860 students representing five schools in Chicago.

After these preliminary tests had been scored and the results tabulated, the percentages of correct responses for each test item were computed. The test items were then rearranged on the basis of these calculations so that the eight forms were of approximately equal difficulty and length. Table I shows the highest possible score on each of the eight forms.

TABLE I--THE HIGHEST POSSIBLE SCORE ON EACH  
FORM OF THE TEST

Form 1	Form 2	Form 3	Form 4	Form 5	Form 6	Form 7	Form 8
113	121	114	123	112	118	114	123

### B. The Problem of Sampling

The reliability of a test depends to a great extent upon an adequate sampling selected from the total number of possible measures. Hence from a statistical point of view the problem of sampling may not be neglected. The elements that enter into the problem are well summarized in the following quotations taken from Garrett's Statistics in Psychology and Education.

"To measure the achievement of college freshmen in general would require a strict logic that we test all of the freshmen in the United States. But as this is obviously a well-nigh impossible task, we must be satisfied with taking the records of as large and as random a sample of freshmen as we can find. This means that we cannot use freshmen from only a single institution or from only one section of the country; and that we must guard against selecting only those with high, or only those with low, scholastic records. The more successful we are in getting an 'unselected' group, the more nearly representative will this group be of all of the freshmen in the country. Evidently, therefore, the reliability (the 'representativeness') of a mean depends for one thing on how impartially we have chosen our sample" (25:200).

"An adequate sampling is one which is truly representative of the population from which it has been drawn. A representative sample should be 'randomly selected'; that is, chosen without bias as to able, poor, and mediocre individuals. It may seem paradoxical, but one must be careful to select his sample 'randomly'; for example, a random sample of 10 year old boys should not all be chosen from a very poor neighborhood, nor from an exclusive private school, nor from any larger group in which special selection is known to play an important rule. Mental traits, which

have been carefully measured in large groups of individuals, have usually proved to be normally distributed. We may reasonably assume, that most of the attributes in which we are interested will follow the normal curve in the general population" (25:242-43).

A sampling of the total number of students in Grades 7 through 12 to be adequate must represent a sufficiently large number of the group to be measured and must be selected randomly and without bias. It was the aim of the investigator to select the schools cooperating in the survey randomly and to have a selection as representative as possible.

### Selection of Schools

The 329 religious educators who had served as jurors on the minimum essentials committee were asked to cooperate further by submitting the names of associates willing to administer the tests. A letter was also sent to approximately 400 schools chosen from the Catholic Directory. The statistical report, "Catholic Population, Number of Schools, and Enrollment," as given in the Catholic School Journal, January 1939 (11:18-21), served as a basis for proportional geographical distribution. In order to obtain a representative sampling, the following factors were considered in selecting schools: (1) the number of schools in the state; (2) the size of cities, large, medium, and small; (3) the size of schools, large, medium, and small; (4) the types of schools--whether attended by boys, girls, or both; (5) the teaching personnel--whether priests, brothers, or sisters. While these factors were carefully observed in planning the selection of schools, they were, in the final analysis, not entirely within the control of the investigator since she had to rely upon the schools interested and willing to cooperate.



The responses were gratifying. Several superintendents and supervisors offered to administer the tests to a large number of schools under their jurisdiction. In order to have all parts of the country represented in proportion to their population these kind offers were regretfully rejected. Favorable responses came from 295 schools, but for various reasons, such as late arrival of tests, illness, or absence, twenty schools did not return the tests. Table II shows the geographic distribution of the 275 cooperating schools. To further insure an adequate sampling, the cooperating schools were asked to fill in a card stating the entire enrollment of the school by grades, but to permit the investigator to select the classes to be tested. In each case the entire class was tested.

TABLE II--DISTRIBUTION OF COOPERATING  
SCHOOLS BY STATES

Alabama.....	3	New Jersey.....	1
Arizona.....	2	New Mexico.....	2
California.....	4	New York.....	24
Colorado.....	3	North Dakota.....	8
Delaware.....	1	Ohio.....	15
Georgia.....	3	Oklahoma.....	1
Illinois.....	36	Oregon.....	3
Indiana.....	18	Pennsylvania.....	17
Iowa.....	19	Rhode Island.....	1
Kansas.....	4	South Carolina.....	1
Kentucky.....	11	South Dakota.....	4
Louisiana.....	4	Tennessee.....	4
Maine.....	2	Texas.....	4
Maryland.....	3	Utah.....	1
Massachusetts.....	9	Virginia.....	3
Michigan.....	10	Washington.....	3
Minnesota.....	8	West Virginia.....	2
Mississippi.....	3	Wisconsin.....	21
Missouri.....	6	Wyoming.....	2
Montana.....	1	Washington, D.C.....	5
Nebraska.....	1		
Nevada.....	1	Total	275

30

In the survey, students in Grades 7 through 12 were tested. As previously stated, the test questions were distributed into eight forms and each testee was given only one form of the test. Consequently there were forty-eight groups or units of testees. The purpose of the writer was to distribute the testees in each unit throughout at least ten states. Table III presents data on this distribution. The table may be read as follows: "The students of Grade 7 who were tested on Form I represent twenty states in the country; the testees in Grade 8 who were tested on Form I represent seventeen states, etc."

TABLE III--NUMBER OF STATES REPRESENTED  
IN EACH OF THE 48 UNITS

	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Form 1	20	17	17	17	14	16
Form 2	15	13	15	12	16	16
Form 3	17	13	15	20	17	17
Form 4	14	16	13	17	17	19
Form 5	13	14	13	12	14	16
Form 6	11	12	13	11	13	12
Form 7	14	14	13	13	14	13
Form 8	10	14	10	11	15	13

After the tests had been constructed and the cooperation of 295 schools from every part of the nation had been solicited, the next logical steps in the process of the investigation were the administration of the tests, the

scoring of the tests, and the tabulation of the results. An explanation of the technic followed in these processes forms the subject matter of the next chapter.

## CHAPTER IV

### THE SURVEY

#### A. Administration of the Tests

During the first two weeks in May 1939, printed tests were sent to the principals or supervisors of 295 schools who had expressed interest and willingness to cooperate in the survey of religion essentials. A pamphlet with definite instructions for the administration of the tests was enclosed with each package of tests. To control, as far as possible, the sampling within each school and to guarantee the validity of the testing procedure, the teachers administering the tests were requested to observe conscientiously the instructions and rules as here outlined.

1. The tests are to be administered to all pupils designated on the first page of the pamphlet and to none other.
2. No items in the test may be reviewed with the classes under any circumstances before administering the tests.
3. Every section of the class must be tested, though the class may be large and a section inferior.
4. No individual pupil may be excused because he happens to be backward or slow, nor may the test papers of any one pupil who has done poorly be thrown out before returning the tests.
5. The ordinary precautions to prevent irregularities on the part of the pupils should be observed.

To insure uniformity of the testing procedure in the classroom, exact verbal instructions for the administration of the tests were prescribed.

"Today we are going to take a test in religion which is being taken by over 50,000 Catholic pupils in all parts of the country. I know that you will do your very best to answer the questions just as well as you can. First fill in the blanks where you are asked to give your name, whether you are a boy or a girl, and so forth, and then wait until you are

told to begin. Fill in the blanks at once."

After the pupils have filled in the blanks at the beginning of the test, say:

"As the directions tell us, the test consists of five parts and can be completed within forty-five minutes. The directions for each part are printed at the beginning of the part. Read all the directions carefully before answering the questions. No questions may be asked after the examination has begun.

"Let us look at the directions for Part I together. The directions say: 'Below are a number of statements; some are true and some are false. If you think the statement is true, mark it with a plus at the right; if you think it is false, mark it with a zero. If any part of the statement is false, do not mark it true.' Now (calling on some pupil), why is there a plus mark after the statement, 'The angels were created before man'? That is right; there is a plus sign because the statement is true. Why is there a zero after the statement, 'The first Mass was said by St. Peter'? (Let some pupil answer.) That is correct. We say that the first Mass was said by our Lord at the Last Supper, and therefore the statement is not true and is marked with a zero.

"The directions for the other parts of the test are just as easy to understand. We will not read them together, but you should read them for yourselves when you come to them. Work as hard as you can, and if you cannot answer a question go ahead to the next one."

With pupils below Grade 12 you may add: "Remember that this test is meant for older pupils as well as for you, so do not be discouraged if there are some questions which you know nothing about. Answer all that you can. Now begin the test."

At the end of the test collect all the papers. Kindly check them over to see that the blanks at the beginning of the test have been properly filled out.

The numerous letters received from principals and teachers of the cooperating schools testified to their deep interest and to their religious observance of the prescribed procedure in giving the tests to their students. Twenty of the 295 schools did not return tests, in most cases, because the schools had closed when the tests arrived. After the unusable tests had been discarded, chiefly on account of incompleteness, there

remained a total of 43,150 tests from 275 schools.

Table IV presents a distribution of the testees of grades 7 through 12, according to the eight forms of the test. The table may be read as follows: "Form I of the test was administered to 832 students in Grade 7; to 959 students in Grade 9; to 1064 students in Grade 10; etc." The total number of students tested on each form of the test is given in the last column. The bottom row of the table presents the total number of students tested in each grade.

TABLE IV -- DISTRIBUTION OF STUDENTS  
ACCORDING TO GRADES AND FORMS OF THE TEST

	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Total
Form 1	832	959	1064	770	744	1105	5474
Form 2	826	743	890	777	824	704	4764
Form 3	1068	934	954	950	774	1102	5782
Form 4	1091	932	690	912	823	880	5328
Form 5	731	919	1016	1000	859	853	5378
Form 6	879	887	979	969	844	898	5456
Form 7	858	914	855	1076	974	914	5591
Form 8	838	933	820	791	850	1145	5377
Total	7123	7221	7268	7245	6692	7601	43,150

### B. Scoring of the Tests

Arrangements were made to have a corps of teaching sisters at the Motherhouse, Convent Ancilla Domini, Donaldson, Indiana, assist with the scoring of the tests and the tabulation of results. Several days before their arrival the tests were sorted by forms and grades and stacked on tables.

In scoring the tests a precise technic was observed.

1. Scoring keys were prepared.
2. All test items were scored with a red pencil. The items answered correctly were scored with a check mark ( ✓ ); those answered incorrectly, with a cross ( ✕ ).
3. Each scorer totaled the number of test items answered correctly and entered the total at the bottom of the page.
4. The scorer signed her initials to each test.
5. Two scorers were appointed to rescore one-tenth of the tests, selected at random. If an error was found, an additional 10 per cent of the tests were rescored, and if another error was found the entire set was rescored.
6. Two persons operated an Underwood calculating machine to add the total scores on each test. This score was written on the first page of each test.
7. The tests were then given to two teachers who made out frequency distributions. They worked together and constantly and consistently checked on each other's work. Their technic was as follows:
  - a. Distribution sheets were made out for each school, by grades. The scores of boys and of girls were recorded separately.
  - b. The distribution sheets were filed in 10"x12" folders, arranged by forms and grades. Since there are eight forms of the test and Grades 7 through 12 were surveyed, the file contained forty-eight folders.

The present study is concerned primarily with data on individual test items. Hence, no attempt was made to calculate the reliability of the eight forms of the test. The analysis and interpretation of the data have been made on individual test questions, not on each form of the test. Each test item is treated individually as a fundamental fact of religious doctrine, since the purpose of the investigation was to find out how well each basic truth had been learned by students in the grades surveyed. The distribution of the total number of truths into eight forms, was a matter of convenience in administering the test items. The writer, however, included in each form a sampling of truths from the three main divisions of religious doctrine, namely, the Apostles' Creed, the Commandments and the Means of Grace. On the basis of the preliminary tryout, she tried to construct the forms of approximately equal difficulty. Beyond that, the writer did not attempt to establish reliability since such calculations were outside the scope of the study.

But to provide the cooperating schools with norms on the eight forms of the test, frequency distributions were made out as explained under Section 7. The 25th, the 50th (median), and the 75th percentiles were computed. Table V presents the data. The table may be read as follows: "The 75th percentile for Form I, Grade 7, is 89.14; the median is 80.91; and the 25th percentile is 71.48; etc." For the highest possible score in each form of the test refer to Table I, page 27.



TABLE V--THE 25th, THE 50th (MEDIAN), AND THE 75th  
PERCENTILES FOR THE EIGHT FORMS OF THE TEST,  
ARRANGED BY GRADES

	Percentiles	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
FORM 1	75th	89.14	91.54	95.71	98.05	99.96	101.10
	50th	80.91	85.02	89.76	92.88	94.65	96.56
	25th	71.48	76.93	82.25	86.92	88.80	90.96
FORM 2	75th	97.51	102.25	105.59	109.36	109.53	111.33
	50th	89.82	96.49	99.78	104.27	105.00	107.30
	25th	81.05	90.15	92.89	98.02	99.30	101.26
FORM 3	75th	90.76	93.25	100.91	100.12	101.78	102.19
	50th	83.94	86.23	91.77	94.70	96.19	97.26
	25th	74.53	77.42	85.17	87.85	90.17	91.79
FORM 4	75th	105.72	108.48	110.21	112.11	113.21	114.29
	50th	99.22	103.13	105.39	108.61	109.16	110.57
	25th	91.18	96.06	99.55	102.76	104.73	105.40
FORM 5	75th	91.83	95.41	99.45	99.03	99.59	101.18
	50th	81.71	88.54	92.86	93.60	94.39	96.86
	25th	73.38	81.25	84.60	86.79	87.65	91.03
FORM 6	75th	94.36	98.76	103.67	103.98	107.14	107.51
	50th	86.57	92.29	98.61	98.82	101.93	102.95
	25th	77.69	84.48	92.41	92.38	95.85	97.54
FORM 7	75th	90.01	93.11	98.33	101.74	103.30	104.21
	50th	83.11	86.70	92.23	96.33	98.27	99.64
	25th	75.03	79.28	85.46	89.95	91.89	93.59
FORM 8	75th	89.40	96.78	98.18	101.65	104.72	103.46
	50th	81.79	89.51	91.40	95.46	98.94	97.74
	25th	73.22	81.17	84.53	88.13	92.13	91.48

The tests were now ready for the next process, tabulation of results in order to find the percentage of students who answered correctly each test question.

### C. Tabulation of Results

A special tabulation sheet for each form of the test was mimeographed and the results for each test question were entered. To afford a definite check, the results of all the test questions were entered, those answered correctly and those answered incorrectly. As in the scoring of the tests, a precise technic was followed.

1. The scores of boys and girls were entered on separate tabulation sheets.
2. In tabulating, two persons worked together, one read aloud the number of correct and incorrect responses for the test item and the other person made the entries on the tabulation sheet.
3. The reader placed the tests in such a position that she could read the scores of a test item on five tests at one time. This method facilitated handling the five million items and also proved upon experimentation to be a much more accurate method than reading the results of each individual test item.
4. The tabulators, like the scorers, signed their initials to each tabulating sheet.
5. Three tabulators checked 10 per cent of the scores. If an error was found an additional 10 per cent was checked. If a second error was detected, the entire set of tests was retabulated.
6. After the results had been tabulated and checked, a final check was made of the general information on the upper section of the record sheet against the tests. The tests were then ready to be packed into cartons and the tabulation sheets were filed in 15" x 18" folders.

By July 31, the scoring of the tests and the tabulating of results was completed. Since each record sheet contained tabulations of less than

fifty tests, the work of merging and adding the scores became a major task. As has been previously stated, the scores of the boys and girls were tabulated separately. The first step then was to merge the scores of all the boys on a master sheet and the scores of all the girls on another master sheet. These data enabled Brother Herman Basil, F.S.C., (7) to undertake "A Study of Sex Differences in the Mastery of Religious Information." The final step before computing the percentages was to merge the total number of scores of boys and girls. Adding machines were used in the process of adding and merging scores. The entry of scores of both correct and incorrect responses served as a check.

The results of the test questions were now in such form that the writer could compute the percentage of students who answered correctly each test question. The results are presented on Table VI. In computing the percentage of a test item, by grades, the total number of correct responses was divided by the total number of students tested. Table IV shows the number of students, for each grade, tested on each of the eight forms. The original data show that 612 students in the seventh grade answered Test Item Number 1 correctly. The total number of testees on this test item for grade seven was 1,091. Dividing the total number correct (612) by the number of testees (1,091) gives an average of 56.09 per cent. Each of the percentages on Table VI was found in the same way. All computations were made on an Underwood calculating machine. In computing the percentages in the last column for Grades 7 through 12, the total number of correct answers, through the six grades, was divided by the total number of testees.

The data on Table VI may be read as follows: "Minimum Essential Number 1 is found in Form 4, in the Multiple-Choice section, as Test Item 12.

This test item was answered correctly in the seventh grade by 56.09 per cent of the students, in the eighth grade by 70.10 per cent, in the ninth grade by 81.43 per cent, in the tenth grade by 84.43 per cent, in the eleventh grade by 90.15 per cent, and in the twelfth grade by 91.10 per cent. In all six grades, 7 through 12, this test item was answered correctly by 77.77 per cent of the testees." Such information is presented for each test question.

The numbering of the essentials as given in the first column of Table VI and followed throughout the study agrees with the numbering of the 2,187 doctrinal truths in the Check List sent by Sister Philemon (43) to the religious educators who served on the minimum essentials' jury. Hence, the numbers do not follow consecutively. The missing numbers refer to those truths not adjudged essential by the jury. The total number of essentials is 931.

TABLE VI -- PERCENTAGES OF CORRECT ANSWERS ON THE EIGHT FORMS  
OF THE TEST ADMINISTERED TO 43,150 STUDENTS, GRADES 7 - 12

Min. Ess. Item No.	Test Form	Question Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
<b>THE APOSTLES' CREED</b>									
<b>First Article of Creed</b>									
1	4	M.C.* 12	56.09	70.10	81.43	84.43	90.15	91.10	77.77
4	4	M.C. 24	30.04	36.76	44.19	50.63	60.14	64.29	46.88
5	3	Match.* IV.9	76.47	80.78	86.87	90.99	95.40	96.05	87.53
7	7	M.C. 32	57.08	56.12	69.67	78.03	78.18	76.79	69.78
9	3	T.F.* 13	89.57	92.12	92.85	94.59	95.72	94.60	93.15
10	6	T.F. 3	66.40	73.70	86.27	85.67	93.18	92.93	83.09
11	2	M.C. 4	64.73	69.13	76.81	82.36	82.48	85.62	76.94
12	1	M.C. 2	90.91	92.63	97.84	98.77	99.05	99.25	96.48
13	5	M.C. 4	66.43	78.67	80.39	88.70	96.60	93.52	83.63
14	2	M.C. 2	90.99	96.43	97.58	97.55	97.76	98.54	96.47
19A	4	M.C. 32	8.61	9.21	14.34	12.49	13.72	26.01	13.78
19B	3	M.C. 31	32.10	27.28	31.23	41.76	39.50	44.44	36.11
25	6	M.C. 7	63.89	71.00	83.21	77.73	85.48	86.59	78.06
26	5	T.F. 34	66.16	73.77	82.45	79.70	84.15	92.11	80.07
27	8	M.C. 14	40.44	60.61	62.53	73.43	75.96	75.86	65.32
28	6	M.C. 16	49.23	65.70	75.55	74.64	82.99	85.58	72.36
29	7	Match. IV.5	89.47	92.22	94.22	97.17	96.95	97.58	94.76
33	4	B. Ans.* I.6	94.98	97.44	98.53	98.85	99.63	99.28	97.96
34	4	B. Ans. I.3	65.95	64.64	66.21	67.18	68.16	68.72	66.76

\* M. C. means Multiple-Choice; Match. means Matching; T.F. means True False;  
B. Ans. means Best Answer.

Min. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
35	8	B.Ans.	2.3	70.86	79.89	75.45	74.95	69.38	72.72	73.89
36	4	B.Ans.	1.2	84.08	90.90	91.86	96.33	97.56	98.71	92.88
37	8	B.Ans.	2.1	47.48	65.00	66.55	73.18	75.38	73.68	67.20
38	6	B.Ans.	4.4	82.20	86.89	89.03	89.49	91.40	93.26	88.74
39	1	T.F.	32	79.14	78.15	92.96	93.06	95.15	94.10	88.83
40	2	T.F.	27	80.82	86.08	87.25	88.03	88.79	91.02	86.94
41	6	B.Ans.	4.1	77.08	79.90	87.80	90.62	94.72	94.60	87.49
42	4	T.F.	34	43.96	40.73	52.45	53.37	46.04	67.70	50.35
43	1	M.C.	3	81.54	88.57	92.67	95.79	95.55	97.27	92.04

#### Scripture and Tradition

44	3	B.Ans.	5.2	93.69	95.65	97.88	98.25	98.89	98.59	97.10
45	3	B.Ans.	5.5	40.25	40.98	65.81	67.01	78.75	78.27	61.39
46	7	Match.	IV.7	66.52	63.56	77.27	77.10	75.00	78.00	73.07
49	7	Sh.Ans.*	8	38.67	50.32	63.82	71.81	75.00	79.20	63.76
50	5	M.C.	30	58.09	65.72	75.66	71.10	58.66	75.59	68.01
51	7	M.C.	1	89.58	89.37	96.55	98.28	96.85	97.25	94.81
52	6	M.C.	31	65.26	70.19	77.49	78.56	81.57	88.70	76.99
53	3	T.F.	5	81.90	87.52	81.42	88.57	89.72	89.06	86.25
54	3	M.C.	10	87.79	86.99	90.75	96.46	94.38	97.23	92.39
57	7	Match.	IV.1	48.58	66.51	85.33	93.27	92.44	91.34	80.37
60	5	T.F.	26	68.76	77.04	77.95	72.70	75.07	76.76	75.12
64	3	M.C.	12	15.91	23.73	28.71	39.66	49.18	58.04	35.68
65	8	M.C.	5	64.18	65.33	61.31	53.72	58.09	57.96	60.12

\* Sh.Ans. means Short Answer

Min. Ess. Item No.	Test Form	Question Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
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God and His Attributes

71	3	Sh.Ans. 7	78.43	80.35	89.28	95.10	97.59	97.23	89.44
72	7	M.C. 2	98.67	98.89	99.71	99.21	99.52	99.22	99.21
73	1	Sh.Ans. 4	84.43	81.90	80.75	77.36	83.19	84.07	82.06
74	8	T.F. 29	74.44	72.50	59.12	56.50	55.50	46.00	60.08
75	2	B.Ans. 2.1	96.67	98.05	97.36	98.84	98.85	99.11	98.14
76	2	B.Ans. 2.4	68.84	79.22	89.61	95.10	98.13	98.97	88.17
78	5	T.F. 35	72.17	84.44	88.75	87.80	91.60	94.69	87.00
79	3	B.Ans. 1.7	89.38	86.99	94.52	97.62	96.82	98.40	93.93
80	3	B.Ans. 1.6	89.76	90.41	93.27	93.41	92.04	95.50	92.46
82	5	Match. III.5	42.51	46.46	57.66	55.70	57.15	63.40	54.16
83	3	B.Ans. 1.2	93.78	94.69	93.37	91.52	91.14	92.96	93.17
84	3	Match. IV.2	86.29	86.24	90.12	94.68	95.66	97.41	91.68
85	3	T.F. 35	10.48	11.66	14.77	15.78	21.81	15.05	14.64
86	5	M.C. 3	75.04	76.60	83.04	80.90	76.59	82.15	79.30
88	1	M.C. 4	93.19	97.32	97.84	97.99	98.78	98.35	97.32
89	1	Match. II.1	64.85	71.16	78.68	84.11	88.83	92.02	80.12
91	2	B.Ans. 1.6	32.54	37.66	53.90	71.42	80.42	86.33	59.92
92	7	B.Ans. 1.4	56.26	66.62	68.15	68.00	77.66	70.56	68.10
93	7	B.Ans. 1.6	90.75	91.67	93.05	98.00	98.59	98.35	95.26
94	2	B.Ans. 1.3	97.16	98.05	96.80	98.32	97.52	97.69	97.60
95	2	B.Ans. 1.2	96.67	97.78	91.52	92.53	89.51	92.72	93.42
96	5	B.Ans. 1.5	81.74	95.86	96.72	96.50	97.89	98.24	94.81
97	7	B.Ans. 1.2	89.12	92.11	92.11	95.22	95.21	94.95	93.26
98	5	B.Ans. 1.3	90.22	89.88	95.34	93.20	94.86	93.64	92.98

TABLE VI (Continued)

Min. Item	Ess. No.	Test Form	Question Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12*	Grades 7-12
99	5	Match.	III.8	25.56	34.71	53.92	59.60	62.62	75.00	52.77
101	5	Match.	III.6	73.54	83.35	88.36	89.10	86.60	90.12	85.64
102	5	Match.	III.1	61.78	68.98	74.48	69.40	76.00	79.46	71.92
103	5	Match.	III.2	26.38	28.61	30.01	30.90	31.66	41.13	31.47
104	4	M.C.	13	62.28	75.25	80.99	86.91	87.60	91.67	79.95
109	5	B.Ans.	3.2	69.85	72.14	80.98	87.10	89.04	93.99	82.46
110	5	B.Ans.	3.4	76.14	82.69	85.60	92.60	92.53	92.93	87.41
111	3	B.Ans.	4.2	76.84	75.97	81.01	87.31	88.82	90.06	83.25
112	3	B.Ans.	4.5	91.44	91.37	94.63	96.57	98.63	98.68	95.16
113	3	Sh.Ans.	4	98.46	98.33	97.77	99.41	99.40	99.31	98.79
114	5	T.F.	2	89.12	91.94	92.29	94.20	91.95	93.87	92.37
115	7	Sh.Ans.	10	65.12	75.92	84.63	88.71	87.92	92.00	82.78
116	1	Match.	II.4	89.59	94.30	92.67	97.35	97.97	97.99	94.97
117	1	Match.	II.7	90.19	93.67	92.39	95.27	96.49	97.27	94.25
118	1	Match.	II.2	90.91	94.30	91.92	94.36	95.15	96.00	93.81
119	8	T.F.	27	30.66	48.62	57.80	69.01	75.49	78.22	60.77
121	3	T.F.	34	52.13	53.92	53.76	51.23	53.70	55.78	53.46
123	5	T.F.	33	53.85	50.16	55.00	60.10	65.41	72.66	59.46
128	7	T.F.	7	93.54	91.13	93.28	91.41	94.08	95.72	93.15
129	6	M.C.	11	88.00	89.82	95.46	92.27	94.60	93.82	92.38
132	2	Compl.*	16	58.56	66.98	74.79	82.88	81.27	89.03	75.33
133	2	M.C.	10	64.85	76.53	80.29	87.77	89.15	91.44	81.46
134	6	T.F.	34	33.42	28.40	30.63	26.08	31.13	29.82	29.86

\* Compl. means Completion



TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
	Form	Test	Item							
135	7	M.C.	12	76.30	79.64	84.98	90.29	92.23	93.53	86.46
Creation										
137	3	T.F.	30	76.93	78.43	76.81	78.90	78.10	82.99	78.80
138	3	M.C.	14	87.23	86.99	94.52	95.73	97.08	98.40	93.26
139	5	Sh.Ans.	5	97.87	98.15	99.28	99.40	99.05	99.50	98.94
140	1	M.C.	31	28.22	28.23	20.37	18.82	16.93	23.95	22.98
141	6	T.F.	31	82.20	83.96	86.37	90.10	91.28	92.60	87.77
153	7	Match.	IV.4	38.91	42.88	62.30	69.79	76.64	79.64	62.31
167	5	M.C.	32	32.53	33.29	34.14	38.90	35.26	36.21	35.16
170	3	Sh.Ans.	10	71.13	77.04	84.25	86.89	86.10	87.97	82.07
171	2	T.F.	33	43.43	49.09	50.31	61.64	58.10	63.19	54.04
174	2	T.F.	35	31.09	35.50	33.57	42.08	39.30	51.97	38.55
Man and His Fall										
175A	8	Compl.	2a	98.18	99.17	99.22	99.35	99.60	99.79	99.19
175B	8	Compl.	2b	98.18	99.06	99.22	99.22	99.60	99.43	99.14
176	5	M.C.	6	97.60	97.39	98.20	99.00	98.35	99.15	98.34
177	2	T.F.	24	84.21	87.82	89.16	92.66	93.76	95.28	90.40
178	7	T.F.	2	55.45	61.04	66.98	66.42	79.82	81.17	68.69
181A	2	M.C.	1	94.25	94.82	97.81	97.42	98.61	98.97	97.01
181B	8	T.F.	20	69.07	82.03	84.96	87.34	88.31	90.79	84.10
182A	7	T.F.	19	82.71	84.89	87.90	87.88	91.31	89.16	87.41
182B	8	M.C.	12	82.07	83.64	89.47	92.14	93.96	95.06	89.60
183	2	T.F.	11	75.14	81.37	80.06	81.33	90.12	89.60	82.80
185	7	M.C.	15	76.30	77.89	81.47	85.65	87.31	91.89	83.63

TABLE VI (Continued)

Min. Ess. Item No.	Test Question Form Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
186	4 T.F.	4	92.05	91.54	93.17	94.14	96.59	97.24 94.02
188	2 T.F.	22	46.22	56.35	65.69	64.86	64.16	75.54 61.94
192	8 T.F.	31	90.78	92.53	94.22	93.15	93.72	94.72 93.26
193	1 T.F.	34	86.83	91.17	91.17	92.54	89.51	93.65 91.00
194	5 T.F.	25	89.12	91.62	93.87	94.80	95.44	97.39 93.84
199	6 M.C.	12	87.43	87.22	96.28	94.23	95.54	96.60 92.97
200	4 Compl.	1	80.60	79.64	88.67	89.76	92.09	96.33 87.42
201	5 M.C.	17	51.26	57.56	60.61	63.70	65.18	67.50 61.23
203	3 T.F.	4	75.16	72.97	75.66	81.63	77.84	81.81 77.59
204	8 T.F.	1	97.46	98.21	99.34	99.35	99.60	99.60 98.95
212	7 Match.	III.5	17.82	26.25	32.26	36.97	36.11	39.71 31.86
214	7 T.F.	26	61.51	65.64	69.90	68.65	73.05	74.06 68.90
215	7 M.C.	3	93.31	94.63	94.92	98.19	99.21	98.67 96.62
218	2 M.C.	13	76.83	72.89	75.80	78.76	76.17	76.68 76.23
219	6 M.C.	30	35.70	41.47	53.90	48.86	57.77	66.22 50.69
220A	5 T.F.	18	54.54	68.98	65.04	69.80	74.14	77.11 68.55
220B	4 T.F.	30	86.01	86.83	91.57	92.39	94.40	93.72 90.53
221A	3 T.F.	24	49.32	48.57	61.93	65.96	72.81	70.65 61.24
221B	1 T.F.	1	84.43	84.61	82.16	82.42	86.55	87.68 84.70
224	1 T.F.	23	44.91	38.44	42.91	52.17	62.09	62.91 50.39
225	8 T.F.	35	83.03	83.85	88.62	88.22	87.84	87.64 86.53
226	4 M.C.	14	70.71	67.10	68.82	68.17	67.79	74.40 69.56
228	3 M.C.	1	55.22	49.86	55.22	55.54	58.09	53.60 54.49
229	5 Sh.Ans.	9	80.10	83.46	87.47	86.90	81.13	89.42 84.99

TABLE VI (Continued)

Min. Ess. Item No.	Form	Test Question Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
The Angels									
230	4	T.F.	33	68.24	71.60	76.79	76.93	77.51	77.92 74.45
231	8	Compl.	5	40.32	49.69	54.00	45.25	57.27	50.63 49.63
236	4	T.F.	10	86.56	89.83	89.25	88.00	87.84	89.40 88.39
237	1	Sh. Ans.	2	87.91	88.46	90.89	91.24	94.61	91.81 90.78
253	7	Match.	IV.8	68.26	77.78	83.93	90.85	91.41	93.75 84.76
256	6	T.F.	4	87.20	91.28	95.56	95.57	96.14	97.05 93.87
257	7	Match.	IV.2	77.00	87.19	90.48	95.31	97.05	96.81 90.99
258	4	M.C.	11	79.60	80.40	81.72	86.25	86.99	88.15 83.70
259	5	T.F.	29	77.64	75.40	78.62	68.80	77.52	73.48 75.13
Second Article of Creed									
265	7	Sh. Ans.	4	82.94	85.33	91.76	94.47	94.28	96.38 91.08
266	5	M.C.	16	71.63	65.72	66.22	65.20	64.71	66.45 66.49
270	4	Compl.	14	54.31	59.71	68.82	81.87	81.28	83.26 70.80
271	6	M.C.	8	77.65	71.22	81.47	78.87	81.81	81.47 78.79
272	4	Compl.	3	91.14	92.29	93.31	96.11	96.22	96.67 94.17
275	2	B. Ans.	4.4	78.28	77.74	80.18	87.64	84.78	85.34 82.28
276	2	B. Ans.	4.6	91.35	92.13	93.88	96.52	96.55	98.12 94.72
277	2	B. Ans.	4.2	46.34	62.94	62.32	74.51	72.17	85.34 66.76
278	1	M.C.	19	59.68	59.81	71.83	78.52	83.86	89.67 74.08
281	2	Compl.	13	75.50	85.54	84.00	86.22	86.24	93.43 84.94
Third Article of Creed									
283	8	M.C.	20	44.97	53.65	62.04	63.70	73.26	69.40 61.51
284	8	T.F.	13	64.18	74.86	76.30	82.53	80.20	81.97 76.90

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
285	4	B.Ans.	5.2	57.06	57.67	61.43	59.29	60.02	60.20	59.09
286	4	B.Ans.	5.3	52.94	50.16	43.03	40.77	38.39	36.80	44.17
287	8	B.Ans.	1.4	57.02	57.83	57.53	59.15	53.39	48.80	55.23
288	8	B.Ans.	1.1	63.10	74.64	63.38	64.08	67.62	68.18	67.09
289	5	T.F.	23	80.51	82.59	82.55	83.60	82.64	87.54	83.30
292	7	M.C.	26	18.98	23.08	27.47	48.12	59.91	50.21	38.79
295	4	Compl.	12	89.85	90.79	91.86	91.18	93.43	91.10	91.26
296	1	M.C.	32	52.48	54.07	63.85	71.90	79.43	85.78	68.10
297	1	Sh.Ans.	11	88.87	89.28	91.36	95.40	96.90	97.54	93.21
298	2	M.C.	16	59.16	60.79	70.41	75.16	76.90	79.94	70.29
300	1	Sh.Ans.	9	61.97	68.77	61.59	63.99	69.48	78.64	67.78
307	8	T.F.	11	70.38	85.89	86.42	93.03	94.55	94.80	87.87
310	5	T.F.	27	90.43	95.21	96.62	95.90	95.79	96.92	95.35
311	6	T.F.	29	64.24	65.36	65.54	63.92	65.35	65.22	64.94*
314	8	M.C.	9	12.04	17.45	11.58	12.76	13.75	14.05	13.71
315	6	T.F.	35	55.82	55.67	58.19	65.36	67.36	59.32	60.29
319	7	T.F.	1	95.99	96.60	93.98	95.31	95.52	93.42	95.15
320	6	T.F.	13	90.05	85.31	83.10	88.15	82.52	84.58	85.64
321	2	T.F.	34	77.80	79.48	81.19	84.94	86.24	85.48	82.49
322	5	Sh.Ans.	1	98.83	98.58	98.10	98.30	97.89	98.09	98.30
323	8	M.C.	10	59.29	68.86	71.55	74.07	79.96	79.61	70.73
326	7	T.F.	5	65.70	75.48	83.70	88.44	94.39	94.95	84.21
327	1	T.F.	4	64.85	71.89	76.54	84.11	90.72	94.73	80.65

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
328	3	M.C.	2	55.78	60.99	62.46	59.01	70.61	67.48	62.48
329	8	T.F.	3	59.17	76.36	78.38	74.32	80.79	80.14	75.19
330	7	Sh.Ans.	9	56.61	64.43	71.07	77.38	83.10	81.94	72.86
331	1	Sh.Ans.	1	95.35	93.67	95.49	97.22	97.97	99.16	96.50
Fourth Article of Creed										
334	3	M.C.	16	68.51	67.30	77.53	82.58	84.17	85.53	77.47
335	8	M.C.	11	88.63	91.67	88.37	90.50	90.19	88.08	89.52
336	2	M.C.	17	81.55	82.71	83.77	88.67	89.15	92.01	86.20
337	4	T.F.	14	43.96	45.13	51.00	50.52	53.58	53.05	49.18
338	6	T.F.	30	72.19	73.36	64.93	73.20	66.89	70.67	70.20
339	6	M.C.	1	87.54	88.24	91.58	91.75	94.12	93.93	91.21
340	1	M.C.	22	58.24	66.47	67.23	72.68	73.24	76.02	69.11
Fifth Article of Creed										
345	3	T.F.	9	57.75	64.30	66.02	64.48	74.23	70.74	65.97
347	2	T.F.	6	33.88	32.95	46.71	58.42	66.10	73.69	51.61
348	8	T.F.	23	51.53	65.33	69.36	75.33	78.43	77.26	69.87
349	1	Sh.Ans.	10	61.37	65.95	64.79	61.78	65.85	73.67	66.00
Sixth Article of Creed										
354	8	T.F.	6	83.86	89.00	90.57	90.75	89.96	91.92	89.47
355	8	T.F.	25	49.74	47.98	47.56	50.68	50.45	52.99	50.02
356	1	T.F.	14	40.71	38.13	55.58	63.99	49.45	72.95	54.14
357	4	T.F.	36	91.23	91.22	91.57	91.40	92.09	93.15	91.75
362	5	Sh.Ans.	2	80.78	85.63	81.37	81.60	79.26	87.43	82.70

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
400	3	Sh. Ans.	1	90.60	91.59	92.95	90.47	91.79	92.06	91.58
402	4	M.C.	16	94.07	94.01	96.64	98.31	98.41	97.46	96.35
403	3	M.C.	17	78.53	82.39	88.76	90.36	93.72	96.59	88.28
404	2	Compl.	4a	56.74	67.11	66.25	79.79	77.75	78.81	70.82
405	2	Compl.	4b	84.45	92.17	94.10	96.52	96.19	97.27	93.44
406	4	M.C.	18	72.45	77.39	78.82	84.50	82.98	88.04	80.40
407	3	M.C.	3	96.68	95.01	97.25	98.25	98.76	98.68	97.44
408	1	M.C.	1	82.74	85.65	91.83	94.75	97.17	98.17	91.81
409	5	M.C.	12	76.96	84.76	86.49	88.80	89.16	92.11	86.66
410	1	Sh. Ans.	3	53.56	51.89	53.80	61.39	67.33	79.82	61.60
411	5	M.C.	25	96.92	97.71	97.12	99.10	99.28	99.38	98.30
412	4	Compl.	11	96.18	97.87	99.25	98.20	98.29	99.05	98.02
413	3	T.F.	6	69.63	74.36	73.25	79.00	83.39	82.53	76.85
414	6	M.C.	6	66.05	80.35	85.45	90.62	93.76	93.60	85.05
416	2	M.C.	3	72.84	87.55	89.16	93.43	93.88	96.56	88.72
417	2	M.C.	8	81.19	75.72	71.08	76.19	81.51	85.20	78.31
422	4	T.F.	5	85.64	92.40	93.89	96.33	97.56	98.37	93.66
431	3	B. Ans.	2.3	59.15	60.02	65.91	80.58	81.20	80.17	70.90
432	3	B. Ans.	2.5	90.23	89.45	90.23	91.10	88.94	93.69	90.75
433	3	B. Ans.	2.7	89.94	90.52	94.21	94.57	96.95	97.23	93.85
435	3	Sh. Ans.	2	94.62	95.87	96.52	97.52	98.37	98.13	96.80
438	8	M.C.	25	28.15	41.55	48.39	63.32	71.38	79.09	56.42
441A	8	M.C.	1	92.93	96.49	98.98	98.21	98.90	89.74	95.51
441B	7	M.C.	18	52.65	48.35	58.91	77.47	81.66	85.33	68.08

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
444	5	M.C.	9	77.37	85.53	91.51	93.70	89.97	94.11	89.15
445	3	M.C.	24	68.88	75.11	80.48	84.16	87.52	87.70	80.41
446	3	Sh.Ans.	12	72.63	74.68	81.84	90.05	92.17	89.43	83.18
448	6	Compl.	6	51.96	64.23	75.34	70.93	74.94	75.23	68.91
452	4	M.C.	19	51.38	57.88	52.74	64.11	71.44	79.63	62.63
453	5	M.C.	31	56.45	61.92	67.69	63.50	66.93	71.72	64.93
454	6	M.C.	14	56.96	55.22	57.27	41.85	50.50	53.75	52.54
455	2	Compl.	15a	49.48	69.94	76.70	85.84	87.94	92.01	76.65
456	2	Compl.	15b	66.42	79.35	82.31	87.12	84.78	87.47	81.10
460	2	M.C.	12	97.64	97.64	98.37	99.74	99.46	99.40	98.73
467	8	B.Ans.	4.1	63.34	75.50	77.52	87.34	88.78	90.61	80.97
468	8	B.Ans.	4.4	91.26	91.99	95.81	96.56	96.78	97.86	95.14
469	1	M.C.	17	40.23	43.45	47.04	48.67	49.45	53.69	47.29
470	8	M.C.	7	68.47	85.68	89.59	92.52	94.43	96.46	88.28
474	2	M.C.	18	55.29	76.12	78.27	87.90	89.88	93.57	79.82
478	7	M.C.	4	88.77	93.75	95.85	96.24	98.49	98.67	95.42
480	2	T.F.	2	88.93	93.34	92.87	97.16	96.79	97.55	94.37
486	8	M.C.	13	89.59	96.17	97.03	98.33	98.19	98.56	96.42
487	6	T.F.	18	81.75	88.13	94.44	92.48	95.90	94.38	91.25
488	3	T.F.	8	81.15	82.17	87.82	89.73	93.51	93.05	87.86
489	7	T.F.	8	87.95	91.45	94.10	96.89	96.44	97.14	94.17
490	5	T.F.	17	83.38	92.38	93.57	94.90	94.05	94.81	92.52
491	4	T.F.	21	88.05	86.72	92.01	89.65	86.14	87.58	88.39

TABLE VI (Continued)

Min. Ess. Item No.	Test Question Form Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
Marks of the Church								
492	6 Compl. 13a	62.42	54.77	76.88	62.58	74.94	76.68	68.09
493	6 Compl. 13b	63.33	54.20	76.06	55.26	72.22	73.34	65.73
494	6 Compl. 13c	60.94	52.18	71.67	50.62	72.57	67.00	62.41
495	6 Compl. 13d	59.80	54.09	74.12	56.49	73.05	70.45	64.66
497	7 B.Ans. 3.3	82.83	87.19	88.61	93.55	93.46	95.94	90.49
498	7 B.Ans. 3.4	70.83	69.03	75.69	74.69	72.53	71.87	72.34
499	7 B.Ans. 3.5	86.32	91.13	91.41	92.90	93.98	94.52	91.83
502	4 B.Ans. 3.2	97.64	98.08	98.24	99.29	99.50	99.28	98.64
504	4 B.Ans. 3.3	43.87	44.48	43.90	52.27	55.64	53.16	48.77
507	4 M.C. 20	53.12	59.71	73.31	82.74	82.86	88.04	72.31
508	7 M.C. 16	26.09	23.73	30.74	20.71	35.70	42.77	29.78
510	8 M.C. 27	20.40	51.30	31.45	29.32	37.16	38.58	35.28
511	3 T.F. 11	68.32	71.04	73.04	80.68	85.46	85.07	77.07
512	5 M.C. 13	62.47	72.56	74.29	77.30	78.91	82.39	74.99
513	2 Compl. 8	28.67	39.81	49.18	65.50	69.01	74.69	54.04
No Salvation Outside the Catholic Church								
519	4 M.C. 21	87.11	92.62	93.75	96.00	93.91	97.01	93.14
520	1 B.Ans. 3.2	80.22	82.52	79.43	78.65	82.38	77.74	80.07
521	1 B.Ans. 3.4	91.03	91.17	91.74	91.76	93.94	93.56	92.23
522	1 B.Ans. 3.5	47.55	65.75	77.09	79.82	86.38	89.04	74.61
528	8 T.F. 15	79.81	89.10	91.91	94.80	95.84	96.29	91.51
535	4 T.F. 27	81.43	88.44	93.17	95.24	96.83	96.90	91.47



TABLE VI (Continued)

Min. Ess. Item No.	Test Form	Question Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
Communion of Saints									
536	5	Sh.Ans. 12	23.92	44.15	39.65	38.00	27.70	46.99	37.24
540	7	T.F. 23	89.58	90.03	92.11	89.09	92.85	95.28	91.45
542	2	T.F. 12	90.14	91.05	93.88	94.85	90.73	95.70	92.71
543	7	T.F. 15	81.20	77.67	78.43	79.98	83.61	78.54	79.95
545	3	T.F. 28	61.12	65.48	66.54	67.22	71.47	74.91	67.82
546	8	B.Ans. 3.4	99.37	99.49	98.73	99.47	99.37	99.60	99.36
547	8	B.Ans. 3.5	61.55	70.68	70.94	69.39	72.44	71.14	69.48
548	8	B.Ans. 3.1	69.79	72.29	75.69	74.70	82.20	77.95	75.54
549	1	M.C. 13	98.24	98.57	98.59	99.03	99.59	99.71	98.98
550	8	T.F. 19	67.88	85.25	83.62	90.24	92.43	92.18	85.64
551	3	T.F. 31	43.33	36.38	50.51	46.91	51.25	51.24	46.56
Tenth Article of Creed									
555	1	T.F. 9	79.74	82.03	87.98	81.25	86.15	82.35	83.39
556	8	Compl. 15a	59.76	70.15	70.09	68.12	74.44	68.44	68.52
557	8	Compl. 15b	86.61	92.85	90.20	95.43	95.84	96.29	93.06
558	1	T.F. 25	92.11	93.05	94.27	94.62	96.23	97.36	94.69
559	3	M.C. 5	78.24	77.68	88.34	93.94	95.92	97.04	88.36
560	6	M.C. 23	88.91	93.20	98.22	98.66	99.45	99.50	96.39
Eleventh Article of Creed									
564	7	Match. III.4	73.97	76.47	81.01	83.61	84.33	84.23	80.79
566	4	Compl. 5a,b,c	95.47	95.83	96.93	97.61	97.72	97.96	96.84
574	2	M.C. 20	33.15	39.13	62.77	76.70	86.72	88.04	64.12

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
Twelfth Article of the Creed										
577	8	M.C.	15	39.60	49.69	46.20	44.87	46.92	37.71	43.89
578	7	M.C.	17	89.12	88.17	93.16	95.96	97.05	94.74	93.20
580	1	Match.	II.9	78.18	76.17	83.28	91.83	94.61	97.36	86.86
585	3	Match.	IV.6	74.78	79.60	84.67	87.73	92.95	93.96	85.42
590	6	T.F.	22	93.68	96.02	96.68	95.98	96.85	96.94	96.05
591	3	M.C.	19	64.49	71.69	66.44	65.01	68.16	62.22	66.13
592	7	T.F.	18	71.99	77.23	77.73	83.42	85.56	85.00	80.42
593	6	Compl.	3	15.23	23.10	35.63	25.25	38.12	36.39	28.98
600	3	Match.	III.1	70.20	74.68	77.44	84.47	86.62	85.89	79.67
603	5	T.F.	5	95.55	97.49	95.84	97.10	97.89	97.51	96.93
608	3	T.F.	12	75.25	73.83	79.22	85.00	87.40	83.89	80.57
609	8	Compl.	8a	15.62	18.95	24.38	13.65	26.34	26.71	21.30
610	8	Compl.	8b	16.70	21.42	23.40	14.91	28.34	26.10	22.12
611	8	Compl.	8c	21.23	30.20	29.86	20.47	35.04	35.18	29.14
612	8	Compl.	8d	20.75	28.48	27.79	18.83	33.39	34.74	27.86
Foundation Principles of a Christian Life										
613	1	Match.	III.4	55.48	58.24	69.86	76.84	87.36	88.95	72.87
616	4	Compl.	7	91.14	94.22	97.37	98.53	97.68	99.51	96.14
617	1	T.F.	13	47.07	57.20	66.19	67.10	68.94	78.46	64.71
618	1	M.C.	6	85.87	89.92	93.80	95.53	96.23	96.09	92.97
619	6	T.F.	27	87.66	90.27	91.58	92.48	91.99	90.59	90.81
620	6	T.F.	10	87.20	90.27	94.44	95.57	96.85	95.82	93.41

TABLE VI (Continued)

Min. Ess. Item No.	Test Form	Question Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
622	3	Sh. Ans. 3	96.78	96.62	98.40	98.78	99.01	99.40	98.17
623	8	Compl. 13	48.91	74.22	78.62	75.96	85.73	80.83	74.43
The Christian Ideal									
628	6	M.C. 4	77.08	79.34	87.39	87.01	93.29	93.49	86.28
633A	8	Compl. 14a	59.76	70.57	71.55	76.97	89.14	81.71	75.28
633B	8	Compl. 14b	58.81	69.61	70.45	76.59	89.02	81.62	74.71
633C	8	Compl. 14c	57.86	70.68	70.82	77.35	90.08	83.02	75.38
634	8	M.C. 24	46.28	53.33	59.97	70.15	63.15	67.04	60.19
635	5	M.C. 7	93.77	97.49	96.23	97.10	98.24	98.56	96.70
636	1	T.F. 2	81.42	84.29	87.89	89.17	89.64	90.21	87.19
637	5	T.F. 16	86.80	90.31	92.98	89.40	92.07	92.11	90.75
638	4	M.C. 22	87.56	89.08	91.57	92.72	93.79	92.35	90.98
648A	2	M.C. 32	43.19	41.29	38.06	47.61	38.33	48.13	43.19
648B	8	T.F. 33	68.59	74.11	79.96	85.32	86.31	87.91	80.66
651	5	B. Ans. 5.2	86.53	81.61	88.46	86.90	90.32	89.42	87.20
652	5	B. Ans. 5.4	47.02	50.81	63.56	50.30	64.13	60.82	56.34
653	5	B. Ans. 5.7	59.05	67.35	82.26	73.90	79.50	80.16	74.24
657	3	M.C. 23	47.36	44.83	64.03	79.00	79.13	83.53	66.06
659	6	T.F. 25	83.11	85.99	93.01	94.64	96.02	96.71	91.65
661	6	B. Ans. 1.3	89.14	92.97	97.19	96.91	98.62	98.16	95.55
662	6	B. Ans. 1.4	77.99	82.94	86.27	89.90	94.24	93.60	87.49
663	6	B. Ans. 1.6	75.95	82.72	89.33	91.14	94.60	93.04	87.86
664	4	T.F. 20	74.56	85.22	95.48	97.21	98.41	99.05	90.74

TABLE VI (Continued)

Min. Ess. Item No.	Test Question Form Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
669	1 B.Ans. 2.3	59.20	66.27	72.11	79.04	85.20	84.16	74.33
670	1 B.Ans. 2.1	80.82	85.96	92.58	94.23	97.70	97.08	91.50
671	2 B.Ans. 3.5	89.54	92.53	96.91	98.57	98.13	99.11	95.67
672	2 B.Ans. 3.2	89.29	87.42	93.77	96.52	95.94	97.27	93.38
682	8 M.C. 18	49.50	67.79	76.55	82.66	85.37	88.26	75.60
700	8 M.C. 22	57.26	62.43	67.89	73.31	83.96	88.43	73.00
704	2 M.C. 23	68.72	64.29	81.75	79.15	84.78	89.46	78.04
706	8 T.F. 8	95.44	98.74	99.22	99.72	99.37	99.60	98.73
731	4 T.F. 13	76.39	70.96	79.40	83.18	85.05	81.56	79.18
737	4 T.F. 32	78.04	78.57	83.89	86.80	91.73	92.69	84.92
738	2 M.C. 19	64.73	84.60	87.59	93.69	94.37	96.27	86.64
739	8 T.F. 21	57.50	72.39	84.72	95.05	95.37	96.99	84.15

## THE COMMANDMENTS

## Commandments in General

742	1 Match. I.1	89.95	93.15	92.39	95.14	94.08	95.19	93.36
743	3 Match. I.2	67.39	77.46	79.12	73.74	71.77	75.82	74.20
744	3 Match. I.3	81.33	86.56	84.36	81.00	79.13	83.08	82.68
745	1 Match. I.4	88.15	91.80	88.17	87.74	91.25	89.04	89.36
746	3 Match. I.5	70.12	80.90	75.98	69.53	65.19	76.00	73.24
747	1 Match. I.6	67.25	78.15	77.09	79.69	81.44	79.64	77.27
748	3 Match. I.7	67.76	79.60	73.77	63.85	61.45	72.19	70.04
749	3 Match. I.8	70.85	76.29	77.97	75.53	71.90	77.63	75.12
750	1 Match. I.9	71.33	80.65	79.53	79.69	80.10	81.26	78.95

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
751	1	Match.	I.10	69.29	75.33	78.03	79.56	79.83	78.46	76.80
752	7	Match.	III.1	67.57	78.22	81.36	92.43	91.62	94.52	84.80
753	8	Problem	8	78.61	82.46	84.47	85.69	88.55	89.83	85.17
754	3	T.F.	25	90.51	87.33	95.26	90.89	91.01	91.06	91.03
Sin										
758	8	T.F.	2	93.41	93.21	91.42	92.77	93.84	93.32	93.04
759	6	T.F.	16	69.69	68.74	74.43	78.45	78.61	82.69	75.47
760	1	T.F.	29	79.50	85.54	93.24	96.18	96.90	97.36	91.57
761	7	T.F.	28	85.97	88.17	93.28	96.24	96.44	98.35	93.27
762	3	Match.	III.3	81.15	81.10	96.20	88.15	90.88	94.60	88.66
763	3	Match.	III.6	88.92	87.41	93.16	96.25	96.30	97.77	93.27
764	1	T.F.	3	81.54	73.46	78.68	79.04	82.65	83.16	79.72
765	3	Sh.Ans.	5	95.94	94.69	96.83	97.73	98.11	97.95	96.87
766	5	Sh.Ans.	11	94.73	96.30	98.00	97.30	96.84	97.97	96.96
767	5	T.F.	11	76.96	85.31	87.47	91.20	89.62	92.35	87.50
768	6	Compl.	9a	55.59	49.02	81.16	80.21	83.70	83.18	72.38
769	6	Compl.	9b	57.07	55.56	87.39	74.54	88.09	88.70	75.38
770	6	Compl.	9c	64.46	62.99	93.31	89.59	95.19	92.15	83.19
771	5	M.C.	11	75.59	68.42	81.47	75.40	79.61	75.47	76.25
774	8	Problem	11	72.29	68.97	76.91	80.39	80.55	78.39	76.21
775	3	Match.	IV.3	72.16	75.32	83.94	89.94	91.01	94.87	84.58
777	6	M.C.	5	97.09	97.48	98.11	98.35	99.69	98.94	98.28
778	3	Match.	III.2	60.74	67.94	77.97	82.81	88.56	92.15	77.97
779	3	Sh.Ans.	6	89.94	92.12	93.16	96.88	97.47	96.95	94.33

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
782	2	B.Ans.	2.6	88.34	86.66	93.62	92.79	95.54	94.49	91.94
783	6	B.Ans.	2.2	77.20	76.86	76.77	82.78	85.60	82.91	80.31
784	6	B.Ans.	2.4	79.13	81.82	84.74	83.51	87.02	84.25	83.42
792	4	T.F.	1	95.53	98.08	98.38	98.64	97.80	98.71	97.75
793	3	T.F.	22	77.40	74.57	82.05	89.73	91.91	89.79	84.06
794	4	Compl.	4	83.17	88.54	92.88	96.77	95.86	97.12	91.96
795	1	Sh.Ans.	8	45.99	39.49	53.61	63.86	66.39	66.53	55.78
796	7	Sh.Ans.	7	85.86	88.06	99.18	96.33	96.03	96.05	92.49
797	2	B.Ans.	5.1	93.41	93.61	93.65	92.27	93.15	94.85	93.51
798	2	B.Ans.	5.4	43.68	50.97	57.16	69.88	73.99	68.87	60.59
801	1	T.F.	35	63.53	66.27	71.73	71.64	83.05	79.64	72.67
803	8	T.F.	26	85.77	91.57	92.88	95.93	95.96	95.76	93.09
807	2	Compl.	19a	9.31	9.28	29.98	38.09	43.66	41.74	28.60
808	2	Compl.	19b	9.26	7.66	24.93	40.28	47.91	44.44	28.88
809	2	Compl.	19c	14.76	17.21	38.18	47.23	54.46	45.86	36.29
812	1	T.F.	11	56.92	52.41	74.83	80.99	85.34	87.41	73.04
813	4	T.F.	18	82.44	81.57	78.97	82.30	85.90	88.15	83.29
814	3	T.F.	7	92.85	93.09	95.36	97.52	98.76	97.77	95.82
815	1	T.F.	22	69.05	72.10	84.04	89.56	92.60	94.46	83.74
823	6	B.Ans.	5.2	87.89	92.75	93.42	96.39	97.79	97.61	94.32
825	6	B.Ans.	5.4	45.02	53.53	69.42	65.88	72.69	75.01	63.71
826	6	B.Ans.	5.5	77.20	83.96	84.43	90.41	91.76	94.38	87.03

TABLE VI (Continued)

Min. Ess. Item No.	Test Question Form Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
The Two Great Commandments								
827	8 Compl. 6a	87.92	93.49	94.96	97.83	97.49	98.56	95.19
828	8 Compl. 6b	73.60	86.00	86.91	93.40	95.37	94.89	88.67
830	6 M.C. 17	58.66	71.11	82.90	84.23	87.85	90.59	79.36
839	4 T.F. 26	93.79	95.19	97.08	96.11	96.95	97.80	96.01
844	5 T.F. 8	88.99	89.22	91.90	94.20	91.72	95.63	92.06
846	5 T.F. 32	34.03	36.45	52.64	53.60	50.28	53.09	47.22
855	7 T.F. 25	88.77	89.05	93.75	95.68	95.72	95.50	93.22
859	6 T.F. 21	84.25	87.79	94.13	94.02	95.90	95.94	92.07
860	5 T.F. 10	95.82	97.39	98.00	98.90	98.59	99.15	98.62
861	8 Compl. 1	83.98	87.28	84.35	90.12	90.66	90.35	87.93
892	2 T.F. 5	85.42	90.51	94.55	94.72	96.91	95.99	93.02
893	3 M.C. 21	77.22	78.00	85.93	89.63	92.69	92.87	85.89
894	7 M.C. 20	48.93	64.54	80.42	90.94	91.41	97.69	79.76*
895	3 M.C. 15	69.73	73.72	78.18	84.26	87.27	87.97	80.00
897	5 M.C. 24	41.96	56.58	68.09	73.30	73.44	80.63	66.40
898	2 T.F. 7	90.75	92.80	94.89	95.56	96.06	96.70	94.45
899	1 M.C. 18	59.80	73.35	77.09	79.17	76.60	82.17	75.08
901	2 T.F. 19	83.97	89.57	90.40	90.47	91.94	93.01	89.85
904	7 M.C. 21	74.21	78.33	85.92	88.90	87.62	89.16	84.28
905	3 M.C. 22	75.25	81.64	81.53	84.16	82.75	84.07	81.48
906	6 T.F. 17	79.93	86.89	89.43	89.90	91.52	94.38	88.72
907	4 T.F. 15	76.39	81.25	87.22	86.80	89.66	93.83	85.35

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
	Form	Test	Item							
913	2	T.F.	25	52.15	59.44	60.97	65.89	61.25	69.29	61.31
914	4	T.F.	16	91.69	93.58	94.76	95.68	96.10	95.87	94.47
First Commandment										
915	5	T.F.	24	56.45	60.28	57.85	56.60	61.80	64.69	59.57
916	5	T.F.	4	83.38	84.87	85.11	85.50	88.58	84.38	85.36
917	4	T.F.	6	61.92	58.53	61.58	65.54	59.04	69.18	62.65
918	3	T.F.	1	72.91	79.39	79.64	83.63	84.81	85.34	80.81
919	6	T.F.	7	88.11	87.00	88.11	88.87	90.33	90.59	88.83
920	4	M.C.	17	83.26	87.04	93.75	95.24	96.83	96.67	91.64
921	6	M.C.	28	26.71	30.99	33.38	36.60	42.26	44.63	35.72
922	8	M.C.	26	25.88	30.30	37.54	33.62	40.10	29.94	32.68
923	2	T.F.	8	79.98	80.56	79.05	68.72	75.08	80.37	77.30
926	1	M.C.	11	83.82	87.31	92.20	95.40	96.63	97.18	92.15
928	6	T.F.	20	78.90	86.10	92.91	93.51	92.94	92.82	89.65
929	2	M.C.	22	80.58	87.15	90.96	91.11	92.67	95.56	89.60
930	2	Problem	9	88.08	90.24	89.50	88.28	90.85	88.04	89.22
931	4	Problem	13	53.58	52.20	58.10	68.82	74.23	70.88	62.58
932	6	Problem	5	76.17	85.76	90.25	92.89	93.77	96.05	89.23
933	2	T.F.	18	92.20	93.07	94.10	94.72	95.46	94.99	94.11
934	8	Problem	12	89.23	90.71	90.57	93.66	96.43	96.55	93.04
935	2	Problem	13	87.24	92.13	92.64	92.14	92.18	93.72	91.66
936	2	Compl.	18	15.36	29.45	30.20	45.55	40.75	58.93	36.10
937	5	M.C.	18	30.34	33.42	41.13	31.50	38.06	35.86	35.06
938	5	Match.	IV.1	64.11	79.54	85.80	87.60	89.27	93.52	83.91



TABLE VI (Continued)

Min. Ess. Item No.	<u>Test Question</u>			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
939	5	Match.	IV.7	37.59	53.86	66.32	68.70	77.52	77.23	64.26
945	1	T.F.	27	73.74	75.75	80.19	85.40	86.41	85.60	81.12
947	3	T.F.	33	87.70	88.06	93.48	95.62	95.40	95.86	92.62
950	8	T.F.	14	81.83	88.78	91.05	94.42	95.72	97.68	91.87
951	5	T.F.	6	92.68	94.23	97.80	98.10	98.35	98.09	96.70
954	4	T.F.	22	74.65	80.29	86.21	87.24	87.35	87.47	83.36
955	5	T.F.	21	55.63	63.76	74.78	83.50	82.87	87.43	75.23
956	5	T.F.	31	54.13	58.43	61.50	60.30	59.48	67.39	60.37
958	6	Problem	10	80.84	88.92	91.27	94.85	94.95	96.05	91.21
972	6	T.F.	1	96.75	97.26	97.50	98.97	98.98	98.94	98.08
973	3	Match.	IV.4	61.68	66.76	73.36	78.68	83.91	86.25	74.90
977	1	Match.	III.5	67.25	77.94	84.22	91.50	94.88	96.00	85.42
978	7	Match.	III.8	37.28	41.02	55.05	63.63	60.73	59.73	53.44
979	5	Match.	IV.6	76.00	86.50	88.85	88.30	90.44	93.29	87.54
984	7	T.F.	9	63.14	69.14	74.46	85.65	86.18	92.33	78.97
987	1	T.F.	5	84.07	86.27	91.83	97.47	96.23	98.53	92.45
988	3	T.F.	17	88.26	93.09	92.32	95.52	97.72	96.50	93.76
989	4	T.F.	28	90.77	93.58	94.32	95.46	96.22	95.42	94.13
991	1	T.F.	21	81.06	82.73	88.82	94.36	94.08	96.81	89.71
992	1	T.F.	24	70.25	73.87	77.18	73.07	74.86	80.54	75.35
993	7	T.F.	14	67.80	70.56	73.76	77.19	78.59	76.58	74.29
995	7	T.F.	4	82.71	84.67	83.23	87.23	84.74	83.36	84.44
996	5	Match.	IV.5	85.43	93.14	95.15	96.40	95.68	97.04	94.10
1006	7	M.C.	11	96.34	96.81	98.19	98.75	99.41	98.67	98.08

TABLE VI (Continued)

Sta. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
1010	7	M.C.	13	95.13	95.72	98.54	98.56	99.00	99.44	97.78
1011	8	T.F.	34	58.81	65.54	61.80	60.04	66.56	66.26	63.42
1018	5	Match.	IV.3	85.43	92.92	94.36	94.50	94.74	94.46	93.02
Second Commandment										
1021	5	M.C.	23	51.26	68.66	71.34	69.20	67.62	69.38	66.86
1022	8	T.F.	32	76.47	76.14	73.01	71.79	73.26	74.64	74.30
1023	2	T.F.	1	98.25	99.12	99.04	99.48	98.98	99.54	99.09
1024	6	T.F.	2	81.06	85.87	90.86	91.55	93.65	94.82	89.69
1025	5	T.F.	1	96.51	97.71	95.64	96.60	96.54	95.72	96.48
1026	4	M.C.	25	97.00	98.30	98.96	98.53	99.63	99.28	98.52
1027	4	T.F.	2	80.56	89.61	89.11	95.46	97.44	97.46	91.17
1028	5	T.F.	13	83.11	91.94	93.18	89.10	90.21	90.12	89.90
1029	2	M.C.	25	25.89	29.45	32.90	38.09	37.23	36.77	33.33
1030	6	M.C.	18	56.50	78.77	85.96	88.97	89.39	91.82	82.09
1036	3	Match.	II.8	40.71	37.12	55.33	64.80	68.55	76.09	56.98
1037	1	M.C.	20	55.72	58.97	64.22	72.07	64.10	70.87	64.38
1040	8	M.C.	4	53.56	56.12	57.78	66.48	63.85	69.92	61.66
1041	3	Match.	II.6	65.33	69.12	76.81	77.11	84.04	88.25	76.66
1043	6	Compl.	14a	58.78	65.36	77.28	81.86	83.82	86.81	75.77
1044	6	Compl.	14b	50.36	59.84	80.04	84.02	87.97	90.59	75.66
1046	7	T.F.	20	81.20	83.96	90.59	92.52	93.46	95.54	89.81
1049	3	Match.	II.4	35.66	45.15	61.83	61.22	74.61	79.99	59.39
1052	1	M.C.	12	38.55	49.18	54.74	67.75	65.72	65.35	56.98

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
	Form	Test	Item							
1053	5	T.F.	12	85.02	89.22	86.19	89.40	90.21	89.07	88.26
1055	8	Problem	7	78.61	85.57	98.25	89.49	90.19	90.09	88.69
1056	3	Match.	II.1	21.06	25.78	37.41	45.34	49.96	61.94	40.18
1057	1	M.C.	5	94.15	94.92	96.24	96.31	98.51	98.71	96.54
1058	3	Match.	II.3	69.91	77.36	82.05	83.84	89.07	89.15	81.66
Third Commandment										
1065	8	Compl.	16a,b	44.49	60.50	65.03	75.27	81.49	82.84	68.94
1069	7	T.F.	37	92.15	91.56	95.15	97.17	96.54	97.14	95.06
1070	4	T.F.	3	97.09	96.69	96.64	97.54	98.65	98.60	97.53
1071	2	Compl.	1	90.38	96.03	93.43	95.10	94.73	93.86	93.90
1072	8	M.C.	21	45.57	41.98	46.07	61.55	59.27	60.67	52.75
1073	6	Problem	12	38.65	45.41	46.96	56.18	52.21	53.98	48.98
1077	7	T.F.	31	77.12	82.15	81.01	80.45	77.46	83.80	80.33
1078	6	T.F.	8	96.87	98.49	98.83	98.87	98.27	98.27	98.30
1079	2	Problem	14	69.21	80.96	86.24	87.00	88.42	86.62	83.05
1080	6	Problem	1	42.52	38.88	48.19	51.65	50.67	57.31	48.27
1081	4	M.C.	1	97.37	98.51	98.09	98.64	98.90	98.83	98.35
1085	2	T.F.	9	93.41	95.62	93.32	91.11	94.49	94.71	93.78
1086	1	T.F.	15	79.26	84.50	93.14	92.02	90.31	87.68	87.90
1091	6	T.F.	9	94.14	94.32	96.48	97.53	98.03	97.72	96.39
1092	7	Sh.Ans.	6	77.82	82.05	92.46	95.96	96.03	95.06	90.24
1093	3	M.C.	20	57.75	64.62	82.89	90.05	93.08	93.69	79.91
1096	3	Sh.Ans.	13	45.98	57.78	58.05	65.75	62.61	60.58	58.14
1098	5	T.F.	20	76.96	83.46	87.87	88.20	90.44	91.18	86.65

TABLE VI (Continued)

Q. Nos. Form No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
1100	5	M.C.	19	89.26	92.25	93.87	93.20	93.00	92.58	92.54
1101	6	T.F.	5	56.16	63.45	77.80	75.36	80.74	81.80	67.96
Fourth Commandment										
1107	7	M.C.	5	97.51	98.56	98.54	99.40	99.62	99.22	98.85
1108	6	Compl.	4	91.07	95.23	98.42	98.76	98.98	98.50	96.89
1110	5	B.Ans.	2.2	98.01	98.25	96.72	97.30	97.42	97.27	97.48
1111	5	B.Ans.	2.3	74.50	78.01	87.87	87.00	83.69	88.36	83.63
1112	5	B.Ans.	2.6	99.51	99.45	99.18	99.50	99.40	99.38	99.42
1113	7	B.Ans.	2.2	94.01	93.64	97.72	97.73	97.05	97.58	96.44
1114	7	B.Ans.	2.4	96.81	96.70	97.84	98.65	98.70	99.22	98.03
1115	4	Compl.	9	80.05	83.29	90.70	93.16	95.62	96.21	89.31
1119	4	T.F.	12	90.40	92.62	95.63	96.11	95.37	95.53	94.06
1122	4	B.Ans.	2.6	90.50	92.72	93.60	94.03	95.49	95.53	93.49
1123	3	B.Ans.	3.3	89.57	90.84	94.42	96.57	96.43	97.77	94.23
1124	3	B.Ans.	3.1	67.48	67.94	79.01	84.05	85.72	89.24	78.79
1125	3	B.Ans.	3.4	91.26	91.48	93.16	95.52	94.37	95.59	93.57
1126	4	B.Ans.	2.5	75.11	85.11	89.40	91.07	92.46	92.69	87.02
1127	4	B.Ans.	2.2	89.58	89.94	89.40	81.87	95.13	94.06	89.89
1128	7	Match.	II.8	84.69	88.61	93.52	96.52	96.23	97.25	93.02
1129	8	T.F.	16	89.19	92.21	89.84	94.29	91.72	93.67	92.03
1130	6	Compl.	7	89.25	91.85	94.34	96.19	96.25	94.15	93.72
1133	4	M.C.	4	93.89	94.44	95.48	94.25	96.10	97.69	95.22
1135	2	Compl.	12	69.69	76.53	70.74	74.77	74.59	81.65	74.43

TABLE VI (Continued)

No. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
1136	5	M.C.	1	88.17	95.45	96.62	98.20	99.17	98.79	96.31
1139	2	M.C.	6	87.84	92.80	94.66	94.85	95.58	97.12	93.78
1140	2	T.F.	28	63.88	78.54	86.58	93.43	93.03	94.43	84.82
1148	4	M.C.	26	82.71	88.33	93.02	91.95	93.67	94.74	90.29
1149	3	M.C.	4	94.34	95.87	97.67	97.62	98.24	98.68	97.04
1150	8	T.F.	30	91.02	94.89	97.15	98.08	98.07	98.12	96.29
1151	6	M.C.	2	84.13	82.38	93.31	97.01	96.37	97.94	92.03
1152	5	T.F.	9	96.51	99.12	98.59	98.90	98.24	98.68	98.41
1153	3	T.F.	3	95.47	95.87	96.31	98.04	98.76	98.13	97.06
1155	3	M.C.	6	84.52	84.95	90.65	94.57	96.95	97.32	91.37
1158	6	M.C.	13	32.85	42.60	47.47	54.02	60.97	68.22	51.00
1159	8	T.F.	5	69.07	78.39	83.74	88.60	90.31	89.22	83.45
1160	5	T.F.	7	95.69	98.36	97.71	99.00	98.59	99.03	98.15
1161	7	T.F.	36	62.79	76.03	81.24	81.93	83.61	86.20	78.92
1163	1	M.C.	21	36.99	39.59	60.18	58.92	69.35	75.12	57.15
1166	7	T.F.	30	70.48	74.28	82.41	83.88	86.49	84.12	80.53
1172	1	T.F.	18	79.74	83.04	90.70	95.66	96.90	98.98	90.93
1176	1	M.C.	14	86.59	90.96	93.90	96.57	97.03	97.90	93.91
1177	2	T.F.	32	56.87	66.98	65.92	72.71	73.75	76.96	68.63
1180	6	M.C.	21	48.66	51.84	58.70	56.18	66.89	70.67	58.77

## Fifth Commandment

1186	2	M.C.	27	63.40	73.57	73.33	77.47	65.38	78.52	71.47
1187	2	Problem	10	95.46	94.95	95.45	95.75	95.82	94.99	95.46
1188	6	Problem	13	80.84	79.22	75.24	77.32	79.32	75.12	77.78

TABLE VI (Continued)

Wtr. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades 7-12
	Form	Test	Item	7	8	9	10	11	12	
1189	4	Problem	1	95.63	96.58	95.92	96.33	97.32	94.96	96.10
1190	8	Problem	6	92.69	93.92	92.03	93.28	92.78	93.41	93.06
1191	4	Problem	6	90.68	94.44	94.47	93.81	93.31	94.74	93.44
1192	2	Problem	8	92.20	89.84	85.57	84.55	83.09	82.92	86.43
1194	4	Problem	7	94.89	95.94	95.48	95.79	96.59	96.21	95.78
1195	2	Problem	2	98.61	97.64	99.27	98.84	99.46	99.40	98.92
1196	8	T.F.	37	64.54	65.75	70.94	68.76	72.91	72.02	69.26
1198	8	M.C.	16	70.62	78.71	84.59	89.61	88.90	90.26	84.02
1199	2	Problem	7	92.44	96.70	97.92	98.84	98.61	98.40	97.16
1200	7	Match.	III.3	41.12	39.49	49.68	45.61	50.37	61.04	47.90
1201	6	B.Ans.	3.4	77.77	84.07	87.09	89.80	90.33	90.48	86.65
1202	6	B.Ans.	3.5	82.43	80.80	85.76	88.25	91.28	91.59	86.69
1203	2	T.F.	31	75.50	88.63	91.74	92.14	94.61	94.43	89.43
1204	5	T.F.	15	91.99	96.30	97.41	98.00	98.94	97.51	98.73*
1206	6	B.Ans.	3.2	89.36	91.85	95.76	95.57	96.14	96.16	94.20
1207	6	T.F.	14	85.72	92.52	95.36	97.73	98.03	98.61	94.73
1209	6	T.F.	6	80.84	84.41	92.60	92.48	96.14	95.16	90.33
1210	1	T.F.	19	75.38	83.88	90.98	94.62	95.69	97.08	89.69
1211	3	T.F.	14	83.95	80.57	91.70	94.78	95.53	97.50	90.61
1215	5	T.F.	22	81.88	89.33	89.83	86.20	89.51	91.53	88.23
1221	1	M.C.	9	88.39	92.21	96.99	98.51	98.78	99.71	95.88
1222	2	T.F.	20	78.89	76.12	85.12	77.34	84.30	82.92	80.93
1223	7	T.F.	27	62.44	64.10	71.42	84.72	83.61	88.61	76.34

TABLE VI (Continued)

Min. Ess. Item No.	Test Question Form Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
Sixth and Ninth Commandments								
1227	7 T.F. 10	80.26	83.90	84.63	86.48	89.05	90.25	85.89
1232	6 T.F. 19	54.57	52.96	52.68	50.82	54.22	64.10	54.83
1233	8 Compl. 9	73.96	72.29	83.37	88.60	90.31	91.40	83.56
1234	5 Sh.Ans. 7	75.04	83.89	85.31	89.20	87.41	89.54	85.42
1235	4 T.F. 11	89.03	91.12	91.72	91.95	94.04	91.33	91.39
1236	8 T.F. 24	60.48	76.25	82.64	91.76	92.19	94.98	83.56
1238	7 Match. III.7	66.17	77.45	82.88	89.74	91.62	95.39	84.32
1239	2 T.F. 15	61.46	71.95	75.24	74.64	77.99	83.78	74.01
1240	1 T.F. 33	60.41	57.93	56.52	64.90	68.94	65.72	62.10
1241	3 T.F. 19	68.88	67.30	72.62	79.00	77.71	75.37	73.34
1242	1 Sh.Ans. 6	62.33	65.54	73.24	81.25	79.83	82.53	74.15
1243	6 Compl. 2	79.36	86.77	87.60	92.27	91.52	94.38	88.70
1244	7 M.C. 24	73.86	77.89	85.33	81.75	84.64	87.84	81.96
1245	4 B.Ans. 4.5	89.49	91.65	93.02	92.28	95.37	93.37	92.26
1246	1 B.Ans. 5.1	97.88	97.94	97.74	97.09	97.70	97.54	97.69
1247	1 B.Ans. 5.3	96.68	98.26	98.12	98.64	98.78	98.98	98.29
1248	4 B.Ans. 4.1	95.90	97.76	98.09	98.96	99.87	99.51	98.24
1249	4 B.Ans. 4.3	90.04	92.51	96.64	96.22	96.71	97.35	94.62
1250	1 B.Ans. 5.5	76.02	74.71	83.85	83.59	87.62	88.41	82.48
1251	7 B.Ans. 4.2	95.76	98.13	98.54	99.68	99.82	99.44	98.64
1252	8 Problem 1	93.65	96.49	95.56	96.69	95.72	97.25	95.98
1253	8 B.Ans. 5.3	89.47	82.57	85.45	89.49	89.49	88.78	87.52
1254	7 B.Ans. 4.4	92.15	94.63	97.02	98.65	98.80	99.00	96.83

TABLE VI (Continued)

Th. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
1255	8	B.Ans.	5.5	91.74	94.89	97.39	97.83	98.78	98.73	96.64
1256	8	B.Ans.	5.2	94.36	95.96	94.59	95.17	94.55	94.37	94.82
1257	2	T.F.	10	64.61	74.37	69.73	75.67	77.63	82.21	73.77
Seventh and Tenth Commandments										
1259	8	Problem	2	98.06	97.56	96.54	96.44	97.49	98.64	97.54
1260	2	Problem	6	95.46	95.22	93.65	96.13	92.30	94.14	94.49
1261	2	Problem	1	79.25	85.40	93.99	94.33	95.70	97.27	90.97
1262	6	Problem	2	95.28	97.82	98.01	98.87	99.45	99.16	98.12
1263	4	Problem	2	89.76	93.69	94.47	95.68	96.22	95.53	94.02
1264	4	Problem	4	89.67	92.08	90.70	91.40	95.01	95.08	92.24
1265	8	Problem	4	87.08	89.96	90.44	93.28	95.37	96.20	90.55
1266	6	Problem	11	77.65	85.99	88.72	90.31	93.29	92.49	88.11
1267	6	Problem	7	89.14	92.18	95.56	96.81	97.56	89.81	94.87
1271	3	M.C.	8	98.56	99.29	99.35	99.41	98.38	99.40	99.21
1272	6	M.C.	9	96.41	98.27	98.73	98.97	98.86	99.05	98.41
1273	7	M.C.	23	56.96	57.87	69.20	76.64	78.18	81.83	70.53
1274	2	M.C.	9	65.21	77.06	86.02	90.09	91.94	97.12	84.37
1275	5	T.F.	28	40.73	57.46	57.46	56.30	53.54	65.28	55.57
1276	8	M.C.	2	78.26	89.53	94.71	97.45	99.13	97.07	92.85
1278	3	T.F.	20	87.98	87.20	87.40	89.63	88.69	89.88	88.50
1279	6	M.C.	24	19.44	18.14	27.26	28.97	36.82	35.28	27.62
1280	8	M.C.	17	78.26	77.54	83.86	89.74	89.61	87.12	84.36
1282	4	M.C.	10	91.96	93.58	95.92	97.98	97.68	98.60	95.76
1283	1	M.C.	23	84.55	87.42	90.80	92.02	93.81	94.10	90.53



TABLE VI (Continued)

A. Ess. Item No.	Test Question		Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test Item	7	8	9	10	11	12*	7-12
1284	3	T.F.	10	68.70	71.79	72.10	79.21	79.52	81.35 75.36
1287	4	M.C.	23	72.36	80.61	85.78	84.61	90.03	92.35 83.66
1288	3	T.F.	15	86.86	83.13	94.63	96.78	96.69	98.59 92.74
1290	3	M.C.	29	29.95	34.45	45.68	52.81	52.80	61.76 46.14
1292	4	T.F.	17	74.92	70.10	83.75	86.36	83.59	83.95 80.01
1293	5	M.C.	20	42.10	51.03	71.83	76.30	80.31	83.79 68.33
1297A	2	T.F.	23	87.24	94.41	95.11	96.78	97.16	96.27 94.47
1297B	6	T.F.	15	78.45	82.83	84.43	89.18	85.60	88.03 84.83
1298	5	M.C.	14	76.55	90.09	96.53	97.50	99.17	98.21 93.60
1299	2	M.C.	28	57.59	70.88	85.01	92.14	90.85	96.13 81.90
1305	4	M.C.	27	82.34	82.97	87.22	88.44	88.93	92.81 86.87
1309	4	M.C.	5	72.27	82.22	89.25	92.61	96.71	97.69 87.66
Eighth Commandment									
1312	4	Problem	3	95.44	97.23	95.19	96.76	96.83	96.44 96.33
1313	6	Problem	3	86.86	89.70	91.17	91.86	93.29	93.60 90.44
1314	8	Problem	5	80.90	89.64	87.76	92.65	94.78	96.29 90.70
1315	8	Problem	10	77.18	78.77	73.62	70.27	77.02	73.94 75.17
1316	6	Problem	9	67.87	76.52	85.66	88.25	90.57	90.70 83.37
1317	1	Match.	IV.9	63.65	71.27	69.86	73.98	75.26	78.82 72.30
1318	2	M.C.	29	74.89	84.46	89.72	94.20	95.34	96.70 89.10
1320	1	Match.	IV.6	9.12	8.64	12.67	19.85	25.70	27.30 16.92
1321	1	Match.	IV.5	17.53	23.96	27.13	34.78	31.71	36.88 28.79
1323	1	Match.	IV.2	43.23	47.82	55.21	69.44	66.93	76.38 59.98
1324	1	Match	IV.4	29.66	30.94	37.74	43.09	50.80	56.31 41.61

TABLE VI (Continued)

Ess. No.	Test Question		Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test Item	7	8	9	10	11	12	7-12
1337	8	M.C.	8	74.68	83.32	83.13	89.87	90.19	91.31 85.69
1338	3	M.C.	7	86.39	86.13	94.94	94.99	95.17	96.14 92.32
1339	4	T.F.	31	48.82	52.74	56.65	62.69	59.29	61.45 56.59
1350	7	T.F.	13	34.01	42.66	41.03	51.28	47.19	52.29 45.11
1351	2	M.C.	7	93.77	96.16	98.37	98.45	99.10	99.25 97.54
1352	3	M.C.	25	60.65	64.41	73.56	79.74	80.04	80.45 73.01
1353	6	M.C.	22	57.41	72.69	83.10	85.36	90.22	92.49 80.33
1354	7	T.F.	34	28.65	38.83	61.48	71.90	74.07	77.56 59.57
1355	6	T.F.	11	89.70	94.89	96.58	97.42	98.39	98.38 95.94
1356	1	T.F.	31	83.58	83.88	87.79	92.15	92.19	92.84 88.63
1357	7	M.C.	10	38.09	46.60	49.44	53.51	60.53	60.82 51.81
1359	5	M.C.	22	73.27	70.72	81.57	80.00	84.62	84.82 79.43

## Commandments of the Church

1343	6	M.C.	20	74.35	81.82	83.41	85.26	88.20	87.59 83.46
1344	2	M.C.	26	60.37	65.50	70.41	77.86	77.99	82.50 72.24
1345	5	T.F.	36	46.20	53.53	70.15	63.90	71.70	79.69 64.63
1346	1	T.F.	10	78.18	78.69	88.73	91.50	93.67	93.20 87.37
1348	4	T.F.	35	38.28	38.59	49.99	50.63	50.90	58.16 47.20
1349	1	M.C.	24	80.46	88.67	90.05	91.50	90.31	92.11 89.03
1351	3	T.F.	18	85.26	87.84	93.79	93.31	94.63	94.78 91.49
1352	5	M.C.	2	79.42	87.05	88.65	91.60	93.23	93.76 89.23
1353	6	T.F.	36	86.98	93.31	96.38	96.39	96.37	95.49 94.23

## First Commandment of the Church

1354	1	T.F.	6	91.27	92.52	94.08	96.31	96.09	97.81 94.75
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TABLE VI (Continued)

In. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
<b>Second Commandment of the Church</b>										
1360	5	Match.	I.2	63.97	74.88	76.35	84.80	82.17	89.42	78.84
1362	7	T.F.	24	42.87	43.86	57.82	54.25	61.45	60.06	53.47
1363	5	Sh.Ans.	6	97.05	97.49	98.99	98.40	98.35	99.03	98.47
1364	1	Sh.Ans.	12	72.06	80.54	84.60	89.30	93.94	91.03	85.23
1365	4	T.F.	25	67.41	66.46	72.59	76.93	80.91	80.54	73.80
1366	8	M.C.	23	62.99	68.65	72.16	76.47	79.14	77.69	73.04
1375	3	T.F.	32	38.09	43.76	49.15	54.17	57.70	54.14	49.17
1376	5	T.F.	3	87.89	94.01	96.92	98.10	98.24	98.91	95.96
1377	1	T.F.	8	55.36	46.68	59.62	63.60	58.32	55.95	56.36
1383	7	M.C.	25	70.01	73.62	79.72	78.31	83.31	85.11	78.47
1388	1	M.C.	16	58.84	62.04	66.01	64.38	64.37	62.82	61.84
1389	2	Compl.	9	79.86	84.33	87.81	92.92	88.67	93.15	87.69
1393	4	Compl.	18a,b	47.08	58.26	58.90	70.74	73.99	72.75	63.00
1394	2	T.F.	3	86.63	91.99	92.75	96.65	96.06	97.83	93.57
1405	2	M.C.	31	64.13	73.30	75.80	84.55	81.02	81.36	76.57
<b>Third Commandment of the Church</b>										
1413	2	M.C.	30	68.84	81.10	84.44	89.31	87.69	88.89	83.26
1414	6	M.C.	15	55.71	61.53	58.29	57.22	56.83	57.31	57.83
<b>Fourth Commandment of the Church</b>										
1416	4	M.C.	8	91.78	95.51	96.21	98.20	98.77	99.17	96.40
1417	8	Compl.	7a,b	56.06	62.17	65.57	65.97	78.55	70.92	66.75
1418	6	T.F.	26	77.42	80.12	85.04	80.62	82.76	82.80	81.52
<b>Fifth Commandment of the Church</b>										
1421	1	M.C.	26	77.46	50.22	91.74	95.66	95.69	97.45	84.56

TABLE VI (Continued)

Q. Ess. Form No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
Sixth Commandment of the Church										
1422	2	Compl.	6a,b	66.00	78.74	80.40	92.21	87.21	92.29	82.54
Vice and Special Sin										
1424	7	M.C.	27	66.17	59.73	69.55	80.63	80.84	84.01	73.89
1425	4	T.F.	29	77.31	86.72	91.43	88.88	90.63	93.60	87.51
1433	7	Match.	II.1	65.47	74.06	80.66	91.22	91.21	93.09	83.15
1440	7	Match.	II.2	23.53	33.14	46.76	51.46	63.30	76.79	49.67
1443	8	Compl.	10	48.55	50.22	55.22	63.45	64.44	59.97	56.99
1444	3	M.C.	26	88.73	83.99	91.90	92.36	91.53	93.14	90.32
1445	7	M.C.	19	45.31	39.93	46.29	43.66	40.93	44.19	43.32
1447	7	Match.	II.7	80.03	87.08	90.71	97.08	97.36	97.69	92.01
1449	3	M.C.	18	68.23	68.80	74.44	86.26	88.43	97.23	81.05
1452	7	Match.	II.6	47.76	50.10	61.95	75.62	71.10	77.12	64.55
1463	4	M.C.	28	71.53	82.43	82.44	87.24	87.35	89.51	82.95
1471	1	B.Ans.	I.I	88.51	90.96	93.14	95.99	97.84	97.45	93.98
1472	6	Problem	4	89.70	90.49	92.70	93.40	93.77	95.49	92.62
1473	4	Problem	9	90.77	94.44	94.61	94.91	95.78	96.33	94.34
1474	6	Problem	6	95.05	96.58	95.97	97.94	97.91	98.50	97.00
1475	8	Problem	3	94.48	96.28	94.47	96.94	96.66	97.68	96.18
1476	8	Problem	9	79.93	88.35	86.67	89.99	93.72	94.28	89.13
1477	2	Problem	4	98.01	97.91	98.71	99.35	99.70	99.25	98.86
1478	2	Problem	5	94.86	96.43	97.58	98.84	98.49	99.54	97.62
1479	1	B.Ans.	1.4	75.66	83.46	87.51	89.30	89.91	94.73	87.06

TABLE VI (Continued)

Test No.	Test Question Form Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
MEANS OF GRACE								
Grace								
1480	6 M.C.	10	77.77	81.36	86.17	87.11	86.19	84.56
1487	1 M.C.	25	34.08	28.86	31.55	37.51	36.82	34.36
1491	7 M.C.	22	39.72	40.47	48.98	50.63	49.86	48.07
1493	4 Compl.	17	68.15	75.68	82.30	89.43	89.18	81.45
1496	7 M.C.	28	70.24	72.08	81.01	85.65	90.18	82.23
1498	8 M.C.	3	86.37	92.10	93.37	94.92	95.49	93.39
1499	5 M.C.	15	67.39	72.56	84.13	88.90	88.92	82.63
1513	2 M.C.	11	22.91	19.36	19.87	23.93	20.49	20.90
1515	1 B.Ans.	4.2	74.10	75.23	77.37	78.65	80.37	78.24
1516	1 B.Ans.	4.5	58.48	63.04	79.25	85.01	89.64	78.60
1517	8 M.C.	28	30.42	34.80	40.10	44.99	47.98	39.59
1525	1 M.C.	8	83.58	84.19	90.98	94.62	95.02	90.66
Prayer								
1530	1 Match.	III.1	69.89	79.40	80.09	88.00	90.72	83.84
1536	4 M.C.	29	66.50	75.68	78.10	79.67	85.65	77.74
1537	6 Problem	8	87.66	92.41	93.72	94.23	95.19	93.41
1538	4 Problem	5	87.56	89.51	90.12	93.05	93.79	91.15
1542	3 M.C.	27	45.48	45.04	47.78	59.54	66.48	54.63
1543	7 M.C.	9	88.88	78.76	84.51	88.81	89.98	87.12
1549	6 T.F.	37	72.54	76.97	84.94	88.66	92.70	85.15
1550	7 T.F.	35	86.79	85.76	89.07	93.73	94.90	91.09

TABLE VI (Continued)

Ess. No.	Test Question Form Test Item	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12*	Grades 7-12
Sacraments in General								
1552	6 Compl. 11a	72.08	80.91	85.04	85.67	86.19	89.93	83.39
1553	6 Compl. 11b	89.59	93.99	96.89	98.15	98.15	98.61	95.96
1555	6 Compl. 11c	58.78	71.00	85.04	89.68	93.06	93.60	81.92
1562	4 Compl. 19a	96.18	96.69	97.37	98.09	98.77	98.94	97.60
1563	4 Compl. 19b	94.89	96.58	96.21	97.54	98.65	98.49	95.11
1564	4 Compl. 19c	94.80	95.94	95.19	96.55	98.41	98.60	96.53
1565	4 Compl. 19d	95.08	96.58	93.89	96.88	98.29	97.80	96.44
1566	4 Compl. 19e	93.98	95.94	94.90	96.88	98.17	98.49	96.33
1567	4 Compl. 19f	94.16	95.83	94.90	97.76	98.41	98.26	96.50
1568	4 Compl. 19g	93.21	94.76	95.92	97.43	97.80	97.69	95.99
1569	2 Compl. 10a	52.51	64.02	54.91	57.14	66.59	71.99	60.85
1570	2 Compl. 10b	77.44	88.09	87.93	90.28	91.94	91.59	87.90
1578	2 T.F. 16	64.25	79.08	81.41	87.25	85.51	88.46	80.46
1587	7 T.F. 21	91.56	91.02	92.46	95.40	94.08	95.28	93.40
1596	3 T.F. 26	43.43	44.72	53.13	62.38	64.42	61.49	54.61
1606	4 T.F. 23	78.13	86.40	86.79	84.28	88.33	84.97	84.45
Baptism								
1608	5 Sh.Ans. 3	87.35	90.31	92.49	93.90	94.05	95.75	92.47
1609	2 Compl. 3	89.66	95.22	93.32	94.98	93.40	94.85	93.53
1610	4 M.C. 7	85.92	84.68	86.21	87.24	88.93	87.13	86.63
1611	8 M.C. 19	74.56	75.93	79.35	77.48	84.67	80.31	78.78
1617	3 M.C. 13	63.46	65.59	68.12	78.58	77.07	76.09	71.30
1621	2 Compl. 20	94.25	96.70	98.03	94.85	94.00	99.40	96.19

TABLE VI (Continued)

Ess. No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
1634	3	Sh.Ans.	9	95.09	95.55	96.94	98.67	97.98	98.77	97.16
1637	6	M.C.	25	71.97	76.52	78.82	82.37	85.72	82.69	79.69
1651	6	T.F.	32	34.56	47.10	61.46	58.87	70.68	72.56	57.59
1652	7	T.F.	11	68.38	72.86	75.63	81.56	85.36	88.28	78.97
1654	2	T.F.	17	95.10	93.47	96.01	96.78	97.04	97.83	96.07
1658	1	Sh.Ans.	14	94.51	96.59	97.46	99.03	99.59	98.80	97.67
1659	3	T.F.	29	64.49	59.27	63.15	58.91	67.00	70.02	63.90
1640	1	T.F.	20	22.69	20.84	17.46	25.96	27.95	23.05	22.60
1643	4	Compl.	8	77.95	85.97	89.98	94.47	96.47	96.56	89.67
1650	4	Problem	12	74.47	82.43	78.68	82.09	82.62	85.31	80.76
1652	2	Problem	12	94.98	98.18	98.37	97.55	98.37	98.69	97.70
Confirmation										
1658	5	Match.	II.3	87.76	93.36	90.82	95.10	93.45	94.69	92.69
1664	7	Sh.Ans.	1	91.21	92.88	95.97	97.73	97.05	96.60	95.37
1670	7	M.C.	7	87.95	88.06	90.83	90.02	90.28	93.64	90.15
1672	5	M.C.	26	21.46	22.31	24.79	34.10	27.00	33.51	27.38
Holy Eucharist										
1707	5	Match.	II.8	52.35	67.02	66.81	74.90	76.82	82.97	70.56
1708	4	M.C.	9	90.31	95.83	96.64	98.64	98.77	98.49	96.18
1712	5	Sh.Ans.	8	74.50	83.89	78.52	90.10	87.41	90.00	84.30
1717	2	M.C.	21	63.88	72.36	78.27	78.76	83.45	87.33	77.20
1718	8	T.F.	4	91.50	93.49	92.88	96.69	97.37	97.33	94.99
1719	3	M.C.	30	55.03	48.79	55.12	63.33	69.97	68.29	59.94
1720	8	M.C.	29	23.14	29.02	28.89	41.45	44.57	42.77	35.30

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
1726A	8	Compl.	11	79.69	86.75	88.37	93.40	92.90	92.88	89.15
1726B	6	Compl.	5	80.84	81.48	88.82	87.73	92.11	92.98	87.33
1728	1	M.C.	27	93.19	98.15	97.74	97.73	98.11	99.16	97.49
1729A	2	Compl.	11a,b	96.49	98.85	98.70	99.03	97.39	99.46	98.32
1729B	2	Compl.	11c	94.98	97.64	97.58	98.58	96.91	98.69	97.39
1730	6	T.F.	24	45.36	54.88	62.68	62.68	67.01	69.45	60.41
1731	7	T.F.	32	55.10	43.43	55.52	64.28	60.43	67.49	57.98
1732	4	Compl.	2a,b	84.77	93.95	91.21	95.84	94.46	95.76	92.46
1733	7	Sh. Ans.	2	89.70	93.20	94.33	98.10	97.77	97.25	95.24
1734	7	T.F.	29	94.59	96.38	94.33	97.26	96.75	96.05	95.97
1735	4	Compl.	16	85.09	88.76	92.88	92.94	94.16	94.62	91.06
1742	5	Match.	II.6	51.12	66.48	68.58	76.80	79.38	85.08	71.73
1743	6	M.C.	26	83.68	89.89	90.76	93.30	95.43	95.05	91.36
1744	2	T.F.	29	95.22	96.30	95.56	94.85	95.58	98.26	95.94
1745	2	M.C.	14	92.08	94.55	96.24	97.55	96.43	98.40	95.86
1750	6	Problem	14	65.94	74.04	73.81	82.58	87.61	88.59	78.72
1751	8	Compl.	3	90.42	94.46	97.15	98.21	98.54	98.03	96.20
1752	4	Problem	14	70.34	76.86	75.63	73.43	73.38	77.24	74.30
1765	2	T.F.	21	72.23	87.42	91.86	92.53	94.49	97.12	89.14
1773	2	T.F.	14	91.96	94.55	96.01	96.78	98.13	97.83	95.88
1776	1	T.F.	28	93.79	96.38	97.84	98.25	99.05	99.44	97.54

## The Sacrifice of the Mass

1782	5	Match.	II.7	85.16	92.92	92.49	95.10	94.98	96.10	93.04
1787	6	T.F.	33	76.96	84.52	86.47	86.81	82.88	84.81	83.86



TABLE VI (Continued)

Ess. No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
1788	7	M.C.	29	83.29	80.08	83.70	90.02	88.74	85.11	85.37
1793	1	M.C.	7	94.39	97.32	97.65	97.22	98.64	98.71	97.41
1794	5	M.C.	10	90.08	80.63	84.42	84.00	88.58	83.79	85.09
1795	2	T.F.	13	93.53	95.49	93.77	92.92	96.43	97.55	94.91
1810	7	M.C.	6	96.46	96.81	98.78	98.19	99.11	98.78	98.05
Penance										
1827	7	Match.	I.5	89.00	91.78	91.06	95.12	94.49	95.17	92.92
1829	8	Compl.	4a	45.93	56.33	62.29	73.43	80.79	81.53	67.37
1830	8	Compl.	4b	20.51	27.33	26.81	34.00	39.04	37.88	31.26
1831	8	Compl.	4	16.94	22.91	24.98	31.22	32.34	27.49	25.98
1832	8	T.F.	9	91.38	93.81	91.66	92.90	86.67	89.91	91.01
1835	2	Compl.	14	89.66	92.53	91.29	90.09	89.15	94.57	91.15
1836	4	Compl.	10	25.83	31.83	26.04	46.90	39.48	42.25	35.34
1842	7	T.F.	16	85.51	87.08	87.67	87.04	90.80	93.09	88.59
1845	1	Sh.Ans.	5	85.63	87.73	92.49	94.36	90.98	95.82	91.37
1847	4	T.F.	24	76.48	84.04	82.88	88.11	91.00	92.12	85.45
1849	4	Compl.	6	93.79	95.30	96.06	96.55	97.80	98.26	96.18
1850	7	Sh.Ans.	3	91.45	93.86	91.53	95.37	94.41	94.95	93.87
1851A	8	T.F.	28	49.62	42.09	39.12	38.55	31.98	31.60	38.46
1851B	1	M.C.	28	44.43	55.53	52.95	58.79	58.59	57.22	54.57
1854	6	M.C.	29	69.47	71.67	76.57	76.91	75.18	79.80	75.02
1855	7	T.F.	3	90.98	92.44	96.91	96.33	96.34	97.14	95.10
1856	5	M.C.	27	58.09	70.83	76.16	79.10	78.68	84.97	75.15
1857	4	T.F.	8	81.52	83.08	79.69	77.70	80.79	83.72	81.15

TABLE VI (Continued)

Fin. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
1858	4	M.C.	30	54.13	58.63	60.56	68.50	71.92	69.86	63.55
1859	5	Match.	I.1	93.36	96.08	95.64	98.30	98.12	98.79	96.82
1861	7	B.Ans.	5.1	91.80	96.16	98.89	98.84	99.21	99.11	97.44
1862	7	B.Ans.	5.5	56.26	61.04	73.76	81.93	80.02	74.72	71.82
1863	7	B.Ans.	5.4	93.78	96.92	98.07	99.03	98.90	99.00	97.71
1865	6	M.C.	27	71.74	81.93	89.74	91.34	93.53	94.82	87.29
1866	3	Match.	IV.8	82.74	84.74	86.46	94.04	94.88	96.77	89.85
1867	1	T.F.	7	95.83	94.82	96.71	98.25	97.03	97.81	96.75
1876	3	M.C.	32	40.34	31.77	46.53	57.43	57.06	56.86	48.18
1877	2	T.F.	30	28.07	26.90	27.85	38.22	29.82	29.25	29.99
1879	3	T.F.	16	66.08	64.09	71.26	71.22	79.39	79.09	71.73
1880	5	Sh.Ans.	10	48.93	57.01	63.66	68.50	67.04	69.85	62.96
1881	2	M.C.	15	92.68	96.97	96.01	97.55	97.88	98.40	96.55
1882	5	Match.	I.7	62.33	78.45	81.37	85.70	84.27	87.19	80.49
1884	8	Problem	13	24.69	35.66	43.39	50.30	57.85	47.14	43.24
1886	4	Problem	10	85.18	85.97	83.02	88.11	92.09	91.78	87.70
1888	5	Match.	I.4	49.75	64.85	70.74	71.90	70.88	76.76	68.09
1894	3	Match.	III.9	73.28	73.61	84.67	87.63	93.21	93.23	84.06
1895	2	Problem	3	95.22	96.03	98.26	98.58	98.13	98.83	97.54
1898	5	Match.	II.4	96.10	98.15	98.59	98.70	98.59	98.79	98.43
1905	7	M.C.	31	20.27	22.09	25.25	32.05	36.01	47.69	30.82
1906	5	T.F.	14	79.28	90.31	89.93	92.90	94.74	96.33	90.90
1907	1	T.F.	12	65.69	70.43	79.15	86.05	89.77	88.41	79.88
1909	8	T.F.	12	66.56	69.72	60.21	72.04	71.50	78.65	70.30

TABLE VI (Continued)

Min. Ess. Item No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
1910	4	Compl.	13	80.69	81.47	84.62	90.09	90.88	92.69	86.50
1912	1	T.F.	30	70.73	76.48	83.28	85.40	85.20	83.80	80.87
1913	6	Compl.	12	93.34	92.63	96.38	96.70	98.78	98.94	96.14
1914	3	T.F.	23	94.34	94.69	95.68	96.25	96.82	95.68	95.54
1915	7	T.F.	12	71.41	71.65	76.68	82.77	85.97	92.77	80.47
1917	8	M.C.	30	17.53	24.52	31.93	57.76	57.62	59.88	42.21
1920	8	T.F.	7	89.83	95.42	96.30	98.33	98.19	97.60	96.01
1926	8	T.F.	22	83.15	82.03	82.77	78.87	72.79	70.97	78.04
1932	4	M.C.	6	93.79	95.72	96.79	98.64	97.84	98.94	96.82
1938	3	M.C.	9	75.25	79.71	84.04	88.15	92.30	89.52	84.56
Indulgences										
1950	5	Match.	I.5	44.83	63.98	67.01	75.00	72.40	76.88	67.40
1954	7	T.F.	17	51.14	51.30	57.39	65.30	59.81	70.78	59.57
1957	5	M.C.	28	64.38	76.92	73.30	82.20	81.01	82.97	77.14
1962	6	T.F.	28	49.91	65.14	62.79	68.97	71.63	71.23	64.69
1969	1	Match.	III.7	62.93	80.33	80.94	88.13	92.73	93.38	83.24
1973	1	Match.	III.9	63.65	81.27	79.15	88.26	92.60	93.74	83.24
Extreme Unction										
1998	7	Match.	I.2	88.54	88.28	92.35	96.24	95.82	95.72	93.01
2002	5	M.C.	5	90.90	95.10	92.29	95.20	95.21	95.04	94.04
2007	1	M.C.	29	49.72	55.01	59.43	59.31	66.52	60.11	58.28
2008	4	T.F.	7	91.29	92.85	93.74	94.01	95.48	97.11	93.95
2009	4	Problem	11	82.98	82.97	82.88	86.91	87.96	90.19	85.60
2013	7	M.C.	30	79.80	81.61	83.23	87.60	85.87	81.94	83.53

TABLE VI (Continued)

Ex. Ess. Item No.	Test Question			Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grades 7-12
	Form	Test	Item							
2023	8	T.F.	17	81.00	87.92	85.57	92.90	92.55	93.84	89.21
2025	1	Sh.Ans.	7	73.02	85.44	84.97	85.66	90.04	92.11	85.49
2026	4	Problem	8	73.28	84.68	82.15	84.28	90.76	89.85	83.74
Holy Orders										
2031	7	Match.	I.1	93.66	95.39	95.85	98.93	97.98	98.46	96.83
2065	6	M.C.	3	87.09	94.10	95.05	95.05	94.24	95.60	93.59
2084	7	T.F.	33	19.57	20.23	31.09	35.95	39.39	50.54	33.11
Matrimony										
2086	7	Match.	I.4	98.32	98.78	99.59	99.68	99.72	99.33	99.26
2092	8	M.C.	6	71.81	84.60	86.42	92.52	95.96	95.15	88.09
2094	4	Compl.	15	90.95	95.94	97.22	97.65	97.80	98.60	96.10
2095	2	M.C.	24	74.41	81.77	76.13	88.67	82.36	89.46	81.84
2096	4	M.C.	31	70.89	76.43	70.71	67.95	69.61	71.45	71.23
2099	3	M.C.	28	74.41	73.18	86.87	89.52	91.53	92.06	84.42
2100	3	T.F.	27	81.05	81.53	89.08	89.52	89.59	90.51	86.81
2101	5	M.C.	29	78.05	84.76	80.58	85.60	84.15	88.25	83.69
2102	6	T.F.	12	61.17	83.73	93.72	94.43	96.49	95.94	87.78
2104	7	T.F.	22	86.32	87.19	86.38	94.01	92.03	94.30	90.25
2108	7	M.C.	8	95.99	96.70	98.31	99.21	99.31	99.44	98.23
2110	2	Compl.	17	32.67	57.16	57.94	80.69	76.41	85.05	64.37
2112	2	Problem	11	74.05	87.29	89.39	95.36	94.64	95.99	89.29
2113	5	M.C.	21	59.60	73.10	74.09	74.80	76.12	80.39	73.59
2114	1	M.C.	30	64.61	75.54	80.75	86.83	90.18	86.33	80.67
2115	4	T.F.	19	88.48	88.76	92.30	93.16	95.01	93.49	91.66

TABLE VI (Continued)

Ess. No.	Test Question			Grade	Grade	Grade	Grade	Grade	Grade	Grades
	Form	Test	Item	7	8	9	10	11	12	7-12
2118	1	T.F.	16	86.95	92.11	92.67	93.71	93.00	94.10	92.21
2119	7	T.F.	6	65.00	63.67	68.73	73.48	77.36	71.98	70.28
2123	8	T.F.	10	97.22	95.31	98.00	99.22	99.37	99.60	98.15
2125	1	T.F.	26	86.23	91.90	93.90	95.01	93.00	95.28	92.72
2130	8	T.F.	18	61.43	73.14	61.43	67.24	70.20	64.95	66.45
2151	5	T.F.	19	82.15	89.33	85.21	87.70	87.76	88.60	86.92
2152	3	M.C.	11	84.14	80.78	85.20	92.47	91.27	94.23	88.04
2153	2	T.F.	26	91.11	94.55	95.00	95.36	95.58	95.99	94.60
2154	6	T.F.	23	74.13	83.96	89.84	89.07	93.18	94.60	87.53
2149	3	T.F.	21	67.48	76.07	77.02	78.58	72.42	75.55	74.48
2150	6	Compl.	10	47.64	70.55	73.00	79.59	78.02	87.59	72.87
2156	4	T.F.	9	89.21	94.55	95.34	96.66	97.68	98.15	95.00
Sacramentals										
2157	7	Match.	I.7	78.98	85.87	88.24	95.77	92.95	93.31	89.54
2162	2	T.F.	4	92.68	96.97	93.32	96.26	97.88	96.98	95.63
2163	2	M.C.	5	87.36	95.22	92.64	95.23	96.19	96.98	93.84
2164	6	M.C.	19	56.96	76.63	80.55	85.98	86.78	87.59	79.21
2166	4	M.C.	3	63.02	74.39	76.65	78.47	86.26	85.44	76.72
2167	3	T.F.	2	74.88	81.85	75.66	82.47	81.72	79.27	79.15
2168	1	M.C.	10	64.85	73.04	76.54	82.42	82.52	88.08	78.15
2169	8	T.F.	36	83.98	88.25	87.64	90.37	90.43	88.17	88.13
2170A	7	Sh.Ans.	5	92.96	90.03	90.36	95.03	93.05	90.69	92.13
2170B	3	Sh.Ans.	8	51.19	59.27	58.16	67.74	65.45	66.12	61.13

From Table VI were derived the several tables presented in Chapters V to X inclusive. These chapters have for their purpose a detailed analysis and interpretation of the data.

## CHAPTER V

### KNOWLEDGE OF TWELFTH-GRADE STUDENTS--THE APOSTLES' CREED

The purpose of the present investigation, as stated in the first chapter, was to determine how well students in Grades 7 through 12 had learned the 931 truths defined as those essentials in religious doctrine which every high-school graduate should know perfectly. Table VI in the preceding chapter gives percentages of students who answered correctly each test question. As the ultimate object of the study was to obtain information and make recommendations that might prove helpful in teaching religion, Chapters V to VIII will attempt to answer the question, "How well have students learned the minimum essentials by the end of the fourth year of high school?"

This chapter presents an analysis and interpretation of the scores of twelfth-grade students on the test questions for the first of the three major divisions of subject matter, namely, the Apostles' Creed; Chapter VI will analyze the data on the Commandments; and Chapter VII will present the data for the third of the major divisions, the Means of Grace. Chapter VIII will summarize the data of these three chapters and will present a comparative study of the three major divisions of the doctrinal truths.

#### Plan for the Study of Results at the End of the Twelfth Grade

How well have students learned the essential doctrinal truths by the end of the senior year of high school? In order to interpret the scores of twelfth-grade students on the test questions as objectively as possible, a classification of some kind must be made. The following arbitrary division

scores into four classes has been decided upon.

Class 1. In this class will be included those facts on which students score 95 per cent or more. Allowing for errors in measurement, inaccuracies, oversight by the testees, and so on, one might safely consider these essentials as having been learned perfectly.

Class 2. Here will be grouped those essentials on which the students score from 90.0 to 94.9 per cent. These truths have been learned by the majority of the students, but a small minority do not know these facts. Instruction and guidance should be provided for the small percentage of students who have not learned these facts.

Class 3. In this class will be listed those essentials on which the score of the testees ranges from 75.0 to 89.9 per cent. Since all the essentials should be known by even the slowest student in the class, it seems reasonable to conclude that these facts have not been satisfactorily learned. In the teaching of these essentials, provision should be made for individual differences.

Class 4. This class will include all those essentials on which the score of the testees is less than 75 per cent. The essentials grouped here will be referred to as neglected facts. There seems to be justification for saying that the knowledge which students possess of these essentials is decidedly unsatisfactory and that these essentials should be given more emphasis in teaching the class as a whole.

Two objections might be raised against such an arbitrary classification. It might be said (1) that facts known by 75 per cent of the class do not warrant additional class instruction; and (2) that there are inherent weaknesses in setting up such a division. The first objection can be answered; how the second has been at least partially solved will be explained.

As regards the first objection, one must keep in mind that the present problem is concerned with essentials that should be known perfectly at the end of the senior year of high school by even the slowest member of the class. If 25 per cent of a group do not know a particular fact at the end



of the twelfth grade, one can reasonably conclude that a successively larger per cent do not know the fact at each of the lower grade levels and this conclusion is borne out by the data of the present study; hence, it is imperative that something be done for the group as a whole. It is not within the scope of the present problem to indicate at which grade level instruction should be given. Grade placement of essentials, although both interesting and valuable, constitutes a problem in itself.

As regards the second objection, the writer is cognizant of the limitations inherent in setting up a division. For example, a fact which 75 per cent of the students answer correctly will be put in Class 3 and one to which 74 per cent respond correctly will be placed in Class 4. To counteract, as far as possible, this weakness, the scores have been grouped into 5 per cent intervals or advances. The facts which 95 per cent or more of the students know have been grouped together; those which 90 to 94.9 per cent know have been put together, and so on. The following outline presents the complete plan followed in grouping.

Percentages of Twelfth-Grade  
Students Answering Correctly

Section 1.	95.0 or more
2.	90.0 to 94.99
3.	85.0 to 89.99
4.	80.0 to 84.99
5.	75.0 to 79.99
6.	70.0 to 74.99
7.	65.0 to 69.99
8.	60.0 to 64.99
9.	55.0 to 59.99
10.	50.0 to 54.99
11.	45.0 to 49.99
12.	40.0 to 44.99
13.	35.0 to 39.99
14.	30.0 to 34.99
15.	25.0 to 29.99
16.	20.0 to 24.99
17.	15.0 to 19.99
18.	10.0 to 14.99

Percentages of Twelfth-Grade  
Students Answering Incorrectly

Section 1.	0.0 to 5.0
2.	5.01 to 10.0
3.	10.01 to 15.0
4.	15.01 to 20.0
5.	20.01 to 25.0
6.	25.01 to 30.0
7.	30.01 to 35.0
8.	35.01 to 40.0
9.	40.01 to 45.0
10.	45.01 to 50.0
11.	50.01 to 55.0
12.	55.01 to 60.0
13.	60.01 to 65.0
14.	65.01 to 70.0
15.	70.01 to 75.0
16.	75.01 to 80.0
17.	80.01 to 85.0
18.	85.01 to 90.0

Table VII presents these data on the test questions for the Apostles' Creed, by topics. The last column of the table gives the total number of essentials for each topic.

TABLE VII--PERCENTAGES OF CORRECT AND INCORRECT ANSWERS OF THE  
TWELFTH-GRADE STUDENTS ON THE TEST QUESTIONS FOR THE APOSTLES' CREED

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
<u>Section 1.</u> 95.0 per cent or more of the students know these facts.				
First Article of the Creed	5	96.05	3.95	
	12	99.25	.75	
	14	98.54	1.46	
	29	97.58	2.42	
	33	99.28	.72	
	36	98.71	1.29	
	43	97.27	2.73	7
Scripture and Tradition	44	98.59	1.41	
	51	97.25	2.75	
	54	97.23	2.77	3
God and His Attributes	71	97.23	2.77	
	72	99.22	.78	
	75	99.11	.89	
	76	98.97	1.03	
	79	98.40	1.60	
	80	95.50	4.50	
	84	97.41	2.59	
	88	98.35	1.65	
	93	98.35	1.65	
	94	97.69	2.31	
	96	98.24	1.76	
	112	98.68	1.32	12
The Blessed Trinity	113	99.31	.69	
	116	97.99	2.01	
	117	97.27	2.73	
	118	96.00	4.00	
	128	95.72	4.28	5
Creation	138	98.40	1.60	
	139	99.50	.50	2
Man and His Fall	175A	99.79	.21	
	175B	99.43	.57	
	176	99.15	.85	
	177	95.28	4.72	
	181A	98.97	1.03	
	182B	95.06	4.94	

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Man and His Fall	186	97.24	2.76	
	194	97.39	2.61	
	199	96.60	3.40	
	200	96.33	3.67	
	204	99.60	.40	
	215	98.67	1.33	12
The Angels	256	97.05	2.95	
	257	96.81	3.19	2
The Second Article of the Creed	265	96.38	3.62	
	272	96.67	3.33	
	276	98.12	1.88	3
The Third Article of the Creed	297	97.54	2.46	
	310	96.92	3.08	
	322	98.09	1.91	
	331	99.16	.84	4
The Seventh Article of the Creed	369	97.83	2.17	
	371	98.50	1.50	
	376	97.69	2.31	
	377	96.70	3.20	4
The Ninth Article of the Creed	396	95.56	4.44	
	402	97.46	2.54	
	403	96.59	3.41	
	405	97.27	2.73	
	407	98.68	1.32	
	408	98.17	1.83	
	411	99.38	.62	
	412	99.05	.95	
	416	96.56	3.44	
	422	98.37	1.63	
	433	97.23	2.77	
	435	98.13	1.87	
	460	99.40	.60	
	468	97.86	2.14	
	470	96.46	3.54	
	478	98.67	1.33	
	480	97.55	2.45	
	486	98.56	1.44	
	489	97.14	2.86	19
The Marks of the Church	497	95.94	4.06	
	502	99.28	.72	2

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
No Salvation Outside the Catholic Church	519	97.01	2.99	3
	528	96.29	3.71	
	535	96.90	3.10	
The Communion of Saints	540	95.28	4.72	4
	542	95.70	4.30	
	546	99.60	.40	
	549	99.71	.29	
The Tenth Article of the Creed	557	96.29	3.71	4
	558	97.36	2.64	
	559	97.04	2.96	
	560	99.50	.50	
The Eleventh Article of the Creed	566	97.96	2.04	1
The Twelfth Article of the Creed	580	97.36	2.64	3
	590	96.94	3.06	
	603	97.51	2.49	
Foundation Principles of a Christian Life	616	99.51	.49	4
	618	96.09	3.91	
	620	95.82	4.18	
	622	99.40	.60	
The Christian Ideal	635	98.56	1.44	10
	659	96.71	3.29	
	661	98.16	1.84	
	664	99.05	.95	
	670	97.08	2.92	
	671	99.11	.89	
	672	97.27	2.73	
	706	99.60	.40	
	738	96.27	3.73	
	739	96.99	3.01	
				104

Section 2. 90.0 to 94.9 per cent  
of the students know these facts.

First Article of the Creed	1.	91.19	8.90
	9	94.60	5.40
	10	92.93	7.07
	13	93.52	6.48
	26	92.11	7.87
	38	93.26	6.74

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
First Article of the Creed	39	94.10	5.90	9
	40	91.02	8.98	
	41	94.60	5.40	
Scripture and Tradition	57	91.34	8.66	1
God and His Attributes	78	94.69	5.31	11
	83	92.96	7.04	
	89	92.02	7.98	
	95	92.72	7.28	
	97	94.95	5.05	
	98	93.64	6.36	
	101	90.12	9.88	
	104	91.67	8.33	
	109	93.99	6.01	
	110	92.93	7.07	
	111	90.06	9.94	
The Blessed Trinity	114	93.87	6.13	5
	115	92.00	8.00	
	129	93.82	6.18	
	133	91.44	8.56	
	135	93.53	6.47	
Creation	141	92.60	7.40	1
Man and His Fall	181B	90.79	9.21	5
	185	91.89	8.11	
	192	94.72	5.28	
	193	93.65	6.35	
	220	93.72	6.28	
The Angels	237	91.81	8.19	2
	253	93.75	6.25	
The Second Article of the Creed	281	93.43	6.57	1
The Third Article of the Creed	295	91.10	8.90	5
	307	94.80	5.20	
	319	93.42	6.58	
	326	94.95	5.05	
	327	94.73	5.27	
The Fourth Article of the Creed	336	92.01	7.99	2
	339	93.93	6.07	

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Fourth Article of the Creed	354	91.92	8.08	
	357	93.15	6.85	2
Seventh Article of the Creed	370	92.53	7.47	1
Ninth Article of the Creed	397B	92.23	7.77	
	399	91.90	8.10	
	400	92.06	7.94	
	409	92.11	7.89	
	414	93.60	6.40	
	432	93.69	6.31	
	444	94.11	5.89	
	455	92.01	7.99	
	467	90.61	9.37	
	474	93.57	6.43	
	487	94.38	5.62	
	488	93.05	6.95	
	490	94.81	5.19	13
The Marks of the Church	499	94.52	5.48	1
No Salvation Outside the Church	521	93.56	6.44	1
Communion of Saints	550	92.18	7.32	1
Twelfth Article of the Creed	578	94.74	5.26	
	585	93.96	6.04	2
Foundation Principles	619	90.59	9.41	1
The Christian Ideal	628	93.49	6.51	
	636	90.21	9.79	
	637	92.11	7.89	
	638	92.35	7.65	
	662	93.60	6.40	
	663	93.04	6.96	
	737	92.69	7.31	7
				71

Section 3. 85.0 to 89.9 per cent  
of the students know these facts.

First Article of the Creed	11	85.62	14.38	
	25	86.59	13.41	
	28	85.58	14.42	3

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Scripture and Tradition	52	88.70	11.30	2
	53	89.06	10.94	
God and His Attributes	91	86.33	13.67	1
The Blessed Trinity	132	89.03	10.97	1
Creation	170	87.97	12.03	1
Man and His Fall	182B	89.16	10.84	5
	183	89.60	10.40	
	221B	87.68	12.32	
	225	87.64	12.36	
	229	89.42	10.58	
The Angels	236	89.40	10.60	2
	258	88.15	11.85	
Second Article of the Creed	275	85.34	14.66	3
	277	85.34	14.66	
	278	89.67	10.33	
Third Article of the Creed	289	87.54	12.46	3
	296	85.78	14.22	
	321	85.48	14.52	
Fourth Article of the Creed	334	85.53	14.47	2
	335	88.08	11.92	
Sixth Article of the Creed	362	87.43	12.57	1
Seventh Article of the Creed	374	88.83	11.17	1
Eighth Article of the Creed	387	89.54	10.46	3
	388	88.48	11.52	
	389	87.35	12.65	
Ninth Article of the Creed	397A	89.77	10.23	9
	406	88.04	11.96	
	417	85.20	14.80	
	441A	89.74	10.26	
	441B	85.33	14.67	
	445	87.70	12.30	
	446	89.43	10.57	
	456	87.47	12.53	
	491	87.58	12.42	



TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL Items
The Marks of the Church	507	88.04	11.96	2
	511	85.07	14.93	
No Salvation Outside the Church	522	89.04	10.96	1
Eleventh Article of the Creed	574	88.04	11.96	1
Twelfth Article of the Creed	592	85.00	15.00	2
	600	85.89	14.11	
Foundation Principles	613	88.95	11.05	1
Christian Ideal	648B	87.91	12.09	5
	651	89.42	10.58	
	682	88.26	11.74	
	700	88.43	11.57	
	704	89.46	10.54	
				49
<u>Section 4.</u> 80.0 to 84.99 per cent of the students know these facts.				
God and His Attributes	73	84.07	15.93	2
	86	82.15	17.85	
Creation	137	82.99	17.01	1
Man and His Fall	178	81.17	18.83	2
	203	81.81	18.19	
Second Article of the Creed	270	83.26	16.74	2
	271	81.47	18.53	
Third Article of the Creed	284	81.97	18.03	4
	320	84.58	15.42	
	329	80.14	19.86	
	330	81.94	18.06	
Seventh Article of the Creed	367C	81.62	18.38	1
Ninth Article of the Creed	413	82.53	17.47	2
	431	80.17	19.83	
Marks of the Church	512	82.39	17.61	1
Tenth Article of the Creed	555	82.35	17.65	1

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Eleventh Article of the Creed	564	84.23	15.77	1
Twelfth Article of the Creed	608	83.89	16.11	1
Foundation Principles	623	80.83	19.17	1
Christian Ideal	633A	81.71	18.29	
	633B	81.62	18.38	
	633C	83.02	16.98	
	653	80.16	19.84	
	657	83.53	16.47	
	669	84.16	15.84	
	731	81.56	18.44	
				7
				26
<u>Section 5.</u> 75.0 to 79.99 per cent of the students know these facts.				
First Article of the Creed	7	76.79	23.21	
	27	75.86	24.14	
Scripture and Tradition	45	78.27	21.73	
	46	78.00	22.00	
	49	79.20	20.80	
	50	75.59	24.41	
	60	76.76	23.24	
God and His Attributes	99	75.00	25.00	
	102	79.46	20.54	
The Blessed Trinity	119	78.22	21.78	1
Creation	153	79.64	20.36	1
Man and His Fall	188	75.54	24.46	
	218	76.68	23.32	
	220A	77.11	22.89	
The Angels	230	77.92	22.08	1
Third Article of the Creed	298	79.94	20.06	
	300	78.64	21.36	
	323	79.61	20.39	
Fourth Article of the Creed	340	76.02	23.98	1
Fifth Article of the Creed	348	77.26	22.74	1

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Fourth Article of the Creed	364	78.76	21.24	1
Seventh Article of the Creed	378	77.38	22.62	1
Fifth Article of the Creed	398	77.18	22.82	6
	404	78.81	21.19	
	410	79.82	20.18	
	438	79.09	20.91	
	448	75.23	24.77	
	452	79.63	20.37	
Marks of the Church	492	76.68	23.32	1
No Salvation Outside the Church	520	77.74	22.26	1
Communion of Saints	543	78.54	21.46	2
	548	77.95	22.05	
Foundation Principles	617	78.46	21.54	1
				33
<u>Section 6. 70.0 to 74.99 per cent</u> of the students know these facts.				
First Article of the Creed	35	72.72	27.28	2
	37	73.68	26.32	
God and His Attributes	92	70.56	29.44	1
The Blessed Trinity	123	72.66	27.34	1
Man and His Fall	214	74.06	25.94	3
	221A	70.65	29.35	
	226	74.40	25.60	
The Angels	259	73.48	26.52	1
Fourth Article of the Creed	338	70.67	29.33	1
Fifth Article of the Creed	345	70.74	29.26	3
	347	73.69	26.31	
	349	73.67	26.33	
Sixth Article of the Creed	356	72.95	27.05	1
Seventh Article of the Creed	367B	70.97	29.03	1

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Ninth Article of the Creed	453	71.72	28.28	1
Marks of the Church	493	73.34	26.66	
	495	70.45	29.55	
	498	71.87	28.13	
	513	74.69	25.31	4
Communion of Saints	545	74.91	25.09	
	547	71.14	28.86	<u>2</u>
				21
<u>Section 7.</u> 65.0 to 69.99 per cent of the students know these facts.				
First Article of the Creed	34	68.72	31.28	
	42	67.70	32.30	2
Man and His Fall	201	67.50	32.50	
	219	66.22	33.78	2
Second Article of the Creed	266	66.45	33.55	1
Third Article of the Creed	283	69.40	30.60	
	288	68.18	31.82	
	311	65.22	34.78	
	328	67.48	32.52	4
Marks of the Church	494	67.00	33.00	1
Tenth Article of the Creed	556	68.44	31.56	1
Christian Ideal	634	67.04	32.96	<u>1</u>
				12
<u>Section 8.</u> 60.0 to 64.99 per cent of the students know these facts.				
First Article of the Creed	4	64.29	35.71	1
God and His Attributes	82	63.40	36.60	1
Creation	171	63.19	36.81	1
Man and His Fall	224	62.91	37.09	1

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Third Article of the Creed	285	60.20	39.80	1
Fifth Article of the Creed	591	62.22	37.78	1
Christian Ideal	652	60.82	39.18	<u>1</u>
				7
<u>Section 9.</u> 55.0 to 59.99 per cent of the students know these facts.				
Scripture and Tradition	64	58.04	41.96	
	65	57.96	42.04	2
The Blessed Trinity	121	55.78	44.22	1
Third Article of the Creed	315	59.32	40.68	1
Seventh Article of the Creed	367A	59.97	40.03	1
Eighth Article of the Creed	386	56.95	43.05	<u>1</u>
				6
<u>Section 10.</u> 50.0 to 54.99 per cent of the students know these facts.				
Creation	174	51.97	48.03	1
Man and His Fall	228	53.60	46.40	1
The Angels	231	50.63	49.37	1
Third Article of the Creed	292	50.21	49.79	1
Fourth Article of the Creed	337	53.05	46.95	1
Sixth Article of the Creed	355	52.99	47.01	1
Ninth Article of the Creed	454	53.75	46.25	
	469	53.69	46.31	2
Marks of the Church	504	53.16	46.84	1
Communion of Saints	551	51.24	48.76	<u>1</u>
				10

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
<u>Section 11.</u> 45.0 to 49.99 per cent of the students know these facts.				
God and His Attributes	74	46.00	54.00	1
Third Article of the Creed	287	48.80	51.20	1
Communion of Saints	536	46.99	53.01	1
Christian Ideal	648A	48.13	51.87	<u>1</u>
				4
<u>Section 12.</u> 40.0 to 44.99 per cent of the students know these facts.				
First Article of the Creed	19B	44.44	55.56	1
God and His Attributes	103	41.13	58.87	1
Seventh Article of the Creed	366	40.04	59.96	1
Marks of the Church	508	42.77	57.23	<u>1</u>
				4
<u>Section 13.</u> 35.0 to 39.99 per cent of the students know these facts.				
Creation	167	36.21	63.79	1
Man and His Fall	212	39.71	60.29	1
Third Article of the Creed	286	36.80	63.20	1
Marks of the Church	510	38.58	61.42	1
Twelfth Article of the Creed	577	37.71	62.29	
	611	35.18	64.82	
	593	36.39	63.61	<u>3</u>
				7
<u>Section 14.</u> 30.0 to 34.99 per cent of the students know these facts.				
Twelfth Article of the Creed	612	34.74	65.26	<u>1</u>
				1

TABLE VII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
<u>Section 15.</u> 25.0 to 29.99 per cent of the students know these facts.				
First Article of the Creed	19A	26.01	73.99	1
The Blessed Trinity	134	29.82	70.18	1
Twelfth Article of the Creed	609	26.71	73.29	<u>2</u>
	610	26.10	73.90	
				4
<u>Section 16.</u> 20.0 to 24.99 per cent of the students know these facts.				
Creation	140	23.95	76.05	<u>1</u>
				1
<u>Section 17.</u> 15.0 to 19.99 per cent of the students know these facts.				
God and His Attributes	85	15.05	84.95	<u>1</u>
				1
<u>Section 18.</u> 10.0 to 14.99 per cent of the students know these facts.				
Third Article of the Creed	314	14.05	85.95	<u>1</u>
				1

A few additional remarks with respect to this four-fold division as explained at the beginning of the chapter may be in place.

The essentials in Class 1 have been adequately taught and learned. One can be reasonably certain that students are able to explain or defend these doctrinal truths. The essentials found in Class 2 are not known by a small per cent of students (5.0 to 9.9). Since all of the minimum essentials should be so well known by the end of the twelfth grade that they will never be forgotten, it follows that the small per cent of students who do not know these facts should be given the necessary individual instruction. Occasional checking and testing would reveal to the classroom teacher those students who lack the necessary knowledge. In Class 3 are found those essentials which a larger per cent of students (10.0 to 25.0) do not know. More emphasis should be given to the teaching of these truths. Various methods for evaluating the learning outcomes should be utilized, and individual instruction should be given whenever necessary. In Class 4 are found those essentials which less than 75 per cent of the students know. These truths have been neglected. They need to be studied more intensively in the classroom. The following analysis reveals that some of the essentials in Classes 3 and 4 are of basic importance in the everyday life of a practical Catholic.

### The Apostles' Creed

The First Article of the Creed. The total number of facts pertaining to the first article is 143. Of these, twenty-eight refer to faith, thirteen to Holy Scripture and tradition, thirty-three to God and His attributes, fifteen to the Blessed Trinity, ten to creation, thirty-five to man and his fall, and nine to the angels. It seems advisable to interpret the



data of each of these divisions of the first article separately. To simplify the analysis the data will be presented in outline form. The percentage shows precisely how well students have mastered or how inadequately they have learned these essentials.

### The First Article of the Creed--Faith

#### Class 1 (95 to 100 per cent)

Students have learned these facts well.

<u>Essential Number</u>		<u>Per cent</u>
5	Definition of faith.....	96.0
12	God cannot be deceived.....	99.2
14	We must believe all the truths revealed by God and defined by the Church.....	98.5
29	Definition of a martyr.....	97.5
33	A sinful and impure life endangers our faith.....	99.2
36	Reading books hostile to religion endangers one's faith	98.7
43	Contradiction between science and faith is impossible because God is the author of both.....	97.2

#### Class 2 (90 to 94.9 per cent)

A small minority (5 to 10 per cent) do not know these facts

1	Definition of creed.....	91.9
9	One who believes in God's word has absolute certainty..	94.6
10	God cannot deceive.....	92.9
13	God cannot be deceived because He knows all things.....	93.5
26	Mysteries are above reason, but not contrary to reason.	92.1
38	We can increase our faith by leading a good life.....	93.2
39	We can increase our faith by frequenting the sacraments	94.1
40	We can increase our faith by prayer.....	91.0
41	We can increase our faith by making acts of faith.....	94.6

#### Class 3 (75 to 89.9 per cent)

Knowledge unsatisfactory; 11 to 25 per cent do not know these facts

11	God cannot deceive because He is all-truthful, just, and good.....	85.6
25	We cannot understand those revealed truths called mysteries.....	86.5
28	It is a mortal sin to deny our faith.....	85.5
7	Faith requires the help of God's grace.....	76.7
27	Faith is necessary for salvation because God has com- manded us to believe under pain of damnation.....	75.8

Class 4 (Under 75 per cent)

Knowledge decidedly unsatisfactory;  
Less than 75 per cent know these facts

35	Our faith is endangered by evil companionship.....	72.7
37	Our faith is endangered by not promptly repelling temptations against faith.....	73.6
34	Our faith is endangered by pride.....	68.7
42	Contradiction between faith and true science is impossible.....	67.7
4	Definition of the term 'believe'.....	64.2
19B	Faith is a free gift of God.....	44.4
19A	Faith is a mark of God's special love.....	26.0

The data pertaining to the subject of faith present some interesting results. That God cannot be deceived is known perfectly, but 6.5 per cent of the students do not know why He cannot be deceived. On the other hand, 7 per cent of the students do not know that God cannot deceive, and 14.4 per cent fail to know the reason. These four facts are closely related and center around the basic fact that God is Truth. It is essential to successful teaching that such relationships be pointed out. Students know fairly well the four ways by which we can increase our faith, but the important things that endanger our faith are not adequately known. The three facts that faith requires the help of God's grace, that faith is a free gift of God, and that it is a mark of His special love, are closely related. The per cent of students who know these facts are 76, 44, and 26 respectively. A knowledge of such facts as these leads to an appreciation of the gift of faith. It is significant that 32 per cent of the students fail to know that there is no contradiction between true science and faith. In our age of materialism it is of peculiar importance that our Catholic young men and women understand the difference between true science and pseudo-science.

## The First Article--Scripture and Tradition

### Class 1 (95 to 100 per cent)

44	The Church draws its teaching from Holy Scripture.....	98.5
51	We must believe what is contained in the Bible.....	97.2
54	We are forbidden to read Protestant Bibles because they contain errors and false doctrines.....	97.2

### Class 2 (90 to 94.9 per cent)

57	Definition of Tradition.....	91.3
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### Class 3 (75 to 89.9 per cent)

52	The Catholic Church alone may make authoritative interpretations of passages in the Bible.....	88.7
53	Catholics are forbidden to read Protestant Bibles....	89.0
45	The Church draws its teaching from Tradition.....	78.2
46	Definition of Holy Scripture.....	78.0
49	God is the author of the Bible.....	79.2
50	The Bible cannot contain error because God is the author.....	75.5
60	We must believe under pain of sin the truths of Tradition as taught by the Church.....	76.7

### Class 4 (Under 75 per cent)

64	The Catholic Church introduces no new dogmas.....	58.0
65	From time to time the Church defines more explicitly what was revealed to the Apostles.....	57.9

Practically all the students know that the Church draws her teaching from Holy Scripture; but 22 per cent do not know that the Church also draws her teaching from Tradition; and an equal number lack the knowledge that the faithful must believe the truths of Tradition as taught by the Church. Since there is a trend today toward making all things relative to a changing society, even moral and religious truths, religious teachers might reflect seriously on the fact that 42 per cent of the students fail to answer correctly Essentials 64 and 65, which refer to the dogmas of Catholicity.

## God and His Attributes

### Class 1 (95 to 100 per cent)

71	God is the Supreme Being.....	97.2
72	God is the Creator of the universe.....	99.2
75	We know from reason that God exists.....	99.1
76	We know from faith that God exists.....	98.9
79	God is infinite.....	98.4
80	God is eternal.....	95.5
84	Definition of the term "spirit".....	97.4
88	There is only one God.....	98.3
93	God is all-knowing.....	98.3
94	God is almighty.....	97.6
96	God is just.....	98.2
112	God shows His mercy by receiving us back to His love when we repent.....	98.6

### Class 2 (90 to 94.9 per cent)

78	Conscience proves the existence of an invisible Law- Giver.....	94.6
83	God is a pure spirit.....	92.6
89	There can be only one God because God, being supreme and infinite cannot have an equal.....	92.0
95	God is holy.....	92.7
97	God is good.....	94.9
98	God is merciful.....	93.6
101	God knows the past, present, and future, even our inmost thoughts and desires.....	90.1
104	In the next life every person will receive complete justice from God.....	91.6
109	God shows His goodness by showering His graces and favors upon us day by day.....	93.9
110	God shows His goodness by preparing a place for us in heaven.....	92.9
111	God shows His mercy by not deserting us when we sin....	90.0

### Class 3 (75 to 89.9 per cent)

91	God is omnipresent.....	86.3
73	God is the Lord of the universe.....	84.0
86	Man is partly spiritual because he has a soul as well as a body.....	82.1
99	God is omnipresent means that God is everywhere.....	75.0
102	God is almighty means that He can do all things by a mere act of His will.....	79.4

### Class 4 (Under 75 per cent)

92	God is unchangeable.....	70.5
82	God is self-existent.....	63.4

Class 4 (Under 75 per cent)

74	God is the "first cause".....	46.0
103	God is holy means that He loves and wills only what is good and hates what is evil.....	41.1
85	The devils are pure spirits.....	15.0

Twelve of the facts pertaining to God and His attributes have been well learned. On eleven of the facts a small minority fail to respond correctly. Students' knowledge of the remaining ten facts is unsatisfactory. The meaning of the term "omnipresent" seems to cause difficulty in Essentials 91 and 99. It is somewhat surprising that 19 per cent of the students should fail to know the meaning of the term "almighty" and that 59 per cent do not know the meaning of "holy". Sixteen per cent do not know that God is the Lord of the universe, and 30 per cent that God is unchangeable. Both these facts are basic truths on which necessary principles in the social life of man are founded. Of similar importance is the statement that God is the first cause, to which 46 per cent of the students fail to respond correctly.

The Blessed TrinityClass 1 (95 to 100 per cent)

113	There are three persons in God.....	99.3
116	God the Father is the First Person.....	97.9
117	God the Son is the Second Person.....	97.2
118	God the Holy Ghost is the Third Person.....	96.0
128	The three Divine Persons have eternal existence.....	95.7

Class 2 (90 to 94.9 per cent)

114	The Father is God, the Son is God, the Holy Ghost is God.....	93.8
115	The Blessed Trinity is the mystery of three Divine Persons in one God.....	92.0
129	The three Divine Persons are equal in glory and power.....	93.8
133	Redemption is attributed to the Son.....	91.4
135	The three Divine Persons live and abide with us as long as we are in the state of sanctifying grace..	93.5

Class 3 (75 to 89.9 per cent)

- 132 The work of creation is attributed to the Father... 89.0  
 119 The Blessed Trinity is a mystery..... 78.2

Class 4 (Under 75 per cent)

- 123 The three Divine Persons are really distinct one  
     from another..... 72.6  
 121 The Blessed Trinity is in no way contrary to reason 55.7  
 134 The sanctification of the just is attributed to the  
     Holy Ghost..... 29.8

One-third of the facts referring to the Blessed Trinity fall in Classes 3 and 4. To some students, at least, it is not clear that special work is attributed to each of the three Divine Persons. A little reflection on the words of the Apostles' Creed should clarify this difficulty. Eight per cent do not know that redemption is attributed to God the Son; 11 per cent do not know that creation is the work of God the Father; and 70 per cent are ignorant of the fact that sanctification is the special work of the Holy Spirit. Forty-four per cent of the students think that the mystery of the Blessed Trinity is contrary to reason. The five essentials in Classes 3 and 4 are basic and should present no more difficulty than those facts which have been well learned, provided they are given sufficient time and study.

CreationClass 1 (95 to 100 per cent)

- 138 'To create' in the strict sense of the term means to  
     make out of nothing..... 98.4  
 139 God created simply by a command or act of His al-  
     mighty will..... 99.5

Class 2 (90 to 94.9 per cent)

- 141 God created angels and man for their good and happi-  
     ness..... 92.6

Class 3 (75 to 89.9 per cent)

170	Moral evil is sin.....	87.9
137	Before creation only God existed.....	82.9
153	Definition of "Providence".....	79.6

Class 4 (Under 75 per cent)

171	God does not cause sin but for His own wise reasons permits it.....	63.1
174	God will dispose all events, evil as well as good, for His own honor and glory.....	51.9
167	God may send us some physical evil for our own good.	36.2
140	God created angels and men for His own external glory.....	23.9

Only three of the eleven facts pertaining to creation are known by more than 90 per cent of the students. Students' knowledge of the remaining eight truths is unsatisfactory. It is to be regretted that these facts have not been given sufficient emphasis. A knowledge of creation should lead to an appreciation of the wonders of nature, from the intricate marvels of a spider's web to the magnificence of Niagara Falls. Such appreciation should awaken an intense love for the Creator whose infinite wisdom and goodness is reflected in the works of creation

Man and His FallClass 1 (95 to 100 per cent)

175A	The first man was Adam.....	99.7
175B	The first woman was Eve.....	99.4
176	Man was made to know, love, and serve God in this world and to be happy with Him forever in the next	99.1
177	Riches, pleasure, or honors can never fully satisfy the heart of man.....	95.2
181A	Reason dictates that man should use the things of this earth in so far as they help him to serve God	98.9
182B	Adam possessed an immortal soul which was directly created by God.....	95.0
186	The human soul cannot die or perish.....	97.2
194	A spiritual body such as the soul cannot be produced from anything material.....	97.3
199	All the people who exist today are descended from Adam and Eve.....	96.6

Class 1 (95 to 100 per cent)

200	Adam and Eve were created to God's image.....	96.3
204	Man's soul is endowed with a free will.....	99.6
215	By eating of the forbidden fruit in Paradise, our first parents committed the sin of disobedience....	98.6

Class 2 (90 to 94.9 per cent)

181B	Man's reason tells him to abstain from the things of the earth whenever they hinder his salvation.....	90.7
185	The human soul is spiritual.....	91.8
192	A Catholic must believe that matter in its first form was created by God.....	94.7
193	A Catholic cannot hold the evolution of the human soul from lower forms of life.....	93.6
220B	The sin of Adam brought disease and suffering into the world.....	93.7

Class 3 (75 to 89.9 per cent)

182A	Adam's body was formed by God out of the slime of the earth.....	89.1
183	Eve's body was formed by God from the body of Adam...	89.6
221B	After Adam sinned his will was weakened.....	87.6
225	From the time of Adam's sin to the Ascension of the Redeemer no one could enter heaven.....	87.6
229	The promised Redeemer was Jesus Christ.....	89.4
178	All lower creatures were made for man's use.....	81.1
203	Man's soul is intellectual.....	81.8
188	Atheistic or materialistic evolution is not in con- formity with Christian revelation.....	75.5
218	By his sin Adam lost sanctifying grace.....	76.6
220A	On account of his sin Adam became subject to concu- piscence.....	77.1

Class 4 (Under 75 per cent)

214	Our first parents committed mortal sin.....	74.0
221A	After Adam sinned his mind was darkened.....	70.6
226	The Blessed Virgin Mary was preserved from all stain of original sin because of the merits of her Son...	74.4
201	To be created to God's image is to resemble God in His intellectual and spiritual nature.....	67.5
219	When Adam committed sin he lost freedom from death...	66.2
224	The descendants of Adam come into the world deprived of sanctifying grace.....	62.9
228	God in His mercy promised a Redeemer to Adam.....	53.6
212	Definition of the term "concupiscence".....	39.7



The topic pertaining to man and his fall has a close connection with the preceding subject, creation. Students' knowledge of both topics is equally unsatisfactory. Approximately 50 per cent of the facts fall in classes 3 and 4. One can reasonably conclude that either these facts have not been thoroughly presented in the classroom or they have been learned at a lower level and forgotten. The data (Table VI, page 41,) show that the per cents of students who know these facts decrease at the successive lower grade levels.

The topics on creation and on man and his fall should have a special interest for teachers of the twelfth grade. They not only provide opportunity for imparting truths that inspire gratitude and love of God, but they can be utilized in pointing out the erroneous teaching of materialistic evolution frequently presented in literature as having been scientifically proved. Are we neglecting to emphasize in the classroom those truths which profoundly influence the social life of the student? The data of the present study indicate that such is the case. His Holiness, Pope Pius XI, in his encyclical "Christian Education of Youth" says, "Education is essentially a social and not a mere individual activity (44)."

### The Angels

#### Class 1 (95 to 100 per cent)

- |     |   |      |
|-----|---|------|
| 256 | Each person has his own Guardian Angel who watches over him from birth to death.....      | 97.0 |
| 257 | Demons are the rebel angels who were cast into hell for the sin which they committed..... | 96.8 |

#### Class 2 (90.0 to 94.9 per cent)

- |     |   |      |
|-----|---|------|
| 237 | God made hell to punish the angels after their sin...                         | 91.8 |
| 253 | The good angels are spirits that ward off dangers from our body and soul..... | 93.7 |

Class 3 (75 to 89.9 per cent)

236	The angels that sinned were at once cast into hell.....	89.4
258	The sin of the fallen angels was pride.....	88.1
230	Angels are pure spirits.....	77.9

Class 4 (Under 75 per cent)

259	The evil spirits tempt men to sin.....	73.4
231	A pure spirit is one without a body.....	50.6

Of the nine questions pertaining to the angels, five have not been well earned. Percentages on Essentials 230 and 231 and on Essential 85 (p. 106) indicate that the term "pure spirit" needs clarification. Only 73 per cent show that evil spirits tempt men to sin.

The Second ArticleClass 1 (95 to 100 per cent)

265	Jesus Christ is the Son of God made man.....	96.3
272	Jesus Christ is true God.....	96.6
276	Christ proved His divinity by His miracles.....	98.1

Class 2 (90 to 94.9 per cent)

281	A miracle can be performed only by God.....	93.4
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Class 3 (75 to 89.9 per cent)

275	Christ proved His divinity by the holiness of His life	85.3
277	Christ proved His divinity by His prophecies.....	85.3
278	Christ proved His divinity by His resurrection.....	89.6
270	Jesus Christ is the High Priest who offered the sacrifice of His life for the redemption of mankind.....	83.2
271	Jesus Christ is called the only Son of God the Father because He is God the Son, the Second Person of the Blessed Trinity.....	81.4

Class 4 (Under 75 per cent)

266	The name "Jesus" means Savior.....	66.4
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Six of the ten essentials on the Second Article, I believe "in Jesus Christ, His only Son, our Lord," should be studied more thoroughly in the classroom. Four of the facts relate directly to proof of Christ's divinity.

practically all the students know that Christ proved His divinity by His miracles. Ten per cent do not know that by His resurrection He likewise proved His divinity, and 15 per cent fail to know that the holiness of His life and His prophecies proved Him to be God. From a study of the nature of these questions it seems reasonable to infer that some students fail to understand the difference between the prophecies of Christ and those of the prophets; between the holiness of the life of Christ and that of the saints. Furthermore, they fail to grasp the profound significance of the Resurrection of Jesus Christ.

### The Third Article

#### Class 1 (95 to 100 per cent)

297	The Son of God became man and made full and perfect reparation for all the sins of men.....	97.5
310	Christ had human feelings and emotions.....	96.9
322	The Blessed Virgin Mary is the mother of Jesus Christ.	98.0
331	St. Joseph was the foster father of Jesus.....	99.1

#### Class 2 (90 to 94.9 per cent)

295	The offense of the sin of Adam was infinite because it was an offense against God.....	91.1
307	Christ was subject to the ordinary pains and sufferings common to men.....	94.8
319	Christ is living today in heaven.....	93.4
326	Mary was a virgin before, during, and after the birth of Christ.....	94.9
327	At the birth of Jesus, Mary was a virgin.....	94.7

#### Class 3 (75 to 89.9 per cent)

289	Christ's human nature was like ours except for sin and its effects.....	87.5
296	Perfect satisfaction could be made only if a Divine Person assumed a created nature.....	85.7
321	Christ has now the same body with which He rose from the dead.....	85.4
284	God the Son is man only from the time of the Incarnation.....	81.9
320	Christ will never cease to exist.....	84.5

Class 3 (75 to 89.9 per cent)

329	Jesus had no earthly father.....	80.1
330	St. Joseph was the virgin spouse of Mary.....	81.9
298	The mystery of the Incarnation was accomplished when God the Son took human nature in the womb of the Virgin Mary through the power of the Holy Ghost.....	79.9
300	There are two natures in Jesus Christ, the divine nature and the human nature.....	78.6
323	The Blessed Virgin is rightly called the Mother of God because her son Jesus Christ is God.....	79.6

Class 4 (Under 75 per cent)

283	By the Incarnation we mean that God the Son became man taking a body and soul like ours.....	69.4
288	Christ has a human will.....	68.1
311	It was impossible for Christ to sin.....	65.2
328	After the birth of Jesus, Mary was a virgin.....	67.4
285	Christ has a human body.....	60.2
315	The existence of two natures in the Divine Person of Jesus Christ is a strict mystery.....	59.3
292	The Incarnation was necessary because Almighty God required a perfect atonement.....	50.2
287	Christ has a human intellect.....	48.8
286	Christ has a human soul.....	36.8
314	There is only one Person in Christ, the Divine Person of God the Son.....	14.0

The percentages of the twenty-nine essentials pertaining to the Incarnation show a wide distribution of correct answers; one-third of the facts fall in the lowest class. All these facts refer to the humanity and divinity of Jesus Christ. That only nine of the truths relating to the humanity and divinity of our Divine Savior are known by more than 90 per cent of the students is a challenge to our teaching of religion. Are we teaching only isolated incidents in the life of Christ which mean little to the student and are readily forgotten, instead of making the student see, feel, and live the fact that Christ is the center of all things? The truths listed under classes 3 and 4 indicate that in the curriculum provision should be made for more intensive study of the life of Christ.

The Fourth Article

Class 2 (90 to 94.9 per cent) \*

336	On the Thursday evening before His death Christ suffered His agony in the Garden of Olives.....	92.0
339	By His death Christ opened heaven to mankind.....	93.9

Class 3 (75 to 89.9 per cent)

334	On the Thursday evening before He died, Christ instituted the Blessed Eucharist.....	85.5
335	On the Thursday evening before He died, Christ said the first Mass.....	88.0
340	The Friday abstinence is kept in honor of Our Lord's death on that day.....	76.0

Class 4 (Under 75 per cent)

338	By His death Christ merited for the human race all actual graces.....	70.6
337	By His death Christ merited for the human race sanctifying grace.....	53.0

Three of the seven truths on the Fourth Article pertain to memorable acts which Jesus performed on the evening before His death: the institution of the Blessed Eucharist (334), the celebration of the First Mass (335), and the suffering of His agony in the Garden of Olives (336). The per cent of students who do not know these facts are 15, 12, and 8, respectively. Three questions pertain to the benefits which our Divine Savior merited for mankind. Only 6 per cent of the students do not know that Jesus opened heaven to mankind by His death, but 29 per cent show that they do not know that Christ merited all actual graces for mankind by His death; and it is somewhat alarming that 47 per cent should fail to know that by His death Christ merited sanctifying grace for mankind (337). The true reason for the Friday abstinence is unknown to 24 per cent of the students. Ignorance of such basic truths may prove embarrassing and humiliating to a Catholic when called upon to explain or to defend his beliefs and practices.

### The Fifth Article

#### Class 3 (75 to 89.9 per cent)

- 348 The Resurrection of Christ is a true miracle..... 77.2

#### Class 4 (under 75 per cent)

- 345 After His death on the cross Christ descended into  
limbo..... 70.7  
347 Christ rose from the dead by His own power..... 73.6  
349 For forty days after His death Christ appeared to many  
of His friends..... 73.6

One wonders why students have not learned as well as they should the four basic facts pertaining to the Resurrection of our Divine Savior. This coming neglect adds evidence to the conclusion already drawn that more concentrated study be given to facts pertaining to the life and Person of our Divine Savior. Essential 347, "Christ rose from the dead by His own power," is similar to Essential 278, "Christ proved His divinity by His resurrection." The percentage of students who know these doctrinal truths is 73 and 70, respectively.

### The Sixth Article

#### Class 2 (90 to 94.9 per cent)

- 354 Christ ascended into heaven on the fortieth day after  
His resurrection..... 91.2  
357 Catholics believe that the body of the Blessed Virgin  
was taken up into heaven..... 93.1

#### Class 3 (75 to 89.9 per cent)

- 362 Christ ascended into heaven to send the Holy Ghost  
upon His Church..... 87.4  
364 Christ ascended into heaven to prepare a place for us  
in heaven..... 78.7

#### Class 4 (Under 75 per cent)

- 356 Christ ascended into heaven by His own divine power... 72.9  
355 Christ ascended into heaven as man, body and soul..... 52.9

The six facts pertaining to the ascension of our Divine Savior are equally distributed between Classes 2, 3, and 4. Forty-seven per cent of the students do not know that Christ ascended into heaven as man, body and soul. It is interesting to note that Essential 356, "Christ ascended into heaven by His own power," and Essential 347, "Christ rose from the dead by His own power", contain a common element "His own power". Only 73 per cent of the students know these two facts.

### The Seventh Article

#### Class 1 (95 to 100 per cent)

369	Those who have sinned but die in the state of grace will remain in purgatory until they have fully satisfied God's justice for sins committed.....	97.8
371	Those who die in mortal sin will be sentenced to hell...	98.5
376	At the last judgment each soul will be reunited to its own body.....	97.6
377	At the last judgment the good will go body and soul to heaven.....	96.7

#### Class 2 (90 to 94.9 per cent)

370	Those who die in their baptismal innocence will go to heaven.....	92.5
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#### Class 3 (75 to 89.9 per cent)

374	The last judgment will be held at the end of the world, immediately after the resurrection of the dead.....	88.8
367C	Each person will be judged after his death on every action.....	81.6
378	At the last judgment the wicked will go body and soul to hell.....	77.3

#### Class 4 (Under 75 per cent)

367B	Each person will be judged after death on every word....	70.9
367A	Each person will be judged after death on every thought.	59.9
366	The particular judgment of every human being takes place immediately after his death.....	40.0

The students' knowledge of the eleven facts pertaining to the particular judgment and to the last judgment shows a wide distribution. It is interest-

to note that 81 per cent of the students know that we shall be judged  
 death on every action, but only 71 per cent know we shall likewise be  
 judged on every word; and a still smaller number, only 60 per cent, know that  
 shall be judged on every thought. Sixty per cent of the students do not  
 know that the judgment which takes place immediately after death is called  
 particular judgment.

### The Eighth Article

#### Class 3 (75 to 89.9 per cent)

387	The mission of the Holy Ghost is to teach, guide, and preserve the Church.....	89.5
388	The Holy Spirit is given to us when we receive sanctify- ing grace.....	88.4
389	The Holy Ghost is given to us in a special manner in the sacrament of confirmation.....	87.3

#### Class 4 (Under 75 per cent)

386	The mission of the Holy Ghost is to sanctify the indivi- dual soul.....	56.9
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The Eighth Article contains four questions pertaining to the Holy Ghost.  
 Here the information which the students possess is not entirely satisfactory,  
 since less than 90 per cent know these facts. What better way to foster  
 devotion to the Holy Spirit than by instructing youth in such inspiring  
 mysteries as the presence of the Holy Spirit within the soul that is in the  
 state of sanctifying grace? Such knowledge acts as a warning to do nothing  
 that might expel the Holy Spirit and inspires one to cultivate an intimate,  
 trustful friendship with the Third Person of the Holy Trinity, whose special  
 mission is the sanctification of the individual soul!



The Ninth Article--Organization and Government of the Church

Class 1 (95 to 100 per cent)

396	The Catholic Church is the true Church established by Jesus Christ.....	95.5
402	Christ bade His apostles to preach His doctrines.....	97.4
403	Christ gave His apostles the same power He had Himself.	96.5
405	Christ endowed His apostles with power to forgive sins.	97.2
407	Christ sent forth the apostles to all nations.....	98.6
408	Christ promised salvation to all who believed what the apostles taught.....	98.1
411	The Church founded by Jesus Christ still exists today..	99.3
412	The Church founded by Jesus Christ is the only true Church.....	99.0
416	The members of the Church are united for their spiritual welfare.....	96.5
422	The society of the faithful is united in the profession of the same faith.....	98.3
433	One of the powers of the priestly office is to administer the sacraments.....	97.2
435	Christ appointed St. Peter the visible head of the Church.....	98.1
460	In obeying our pastors in religious matters, we are obeying God.....	99.4
468	Christ promised to preserve His Church from error by the light and guidance of the Holy Ghost.....	97.8
470	The Church is infallible means that it cannot err when it teaches a doctrine of faith and morals.....	96.4
478	The Pope is infallible when he defines a doctrine of faith or morals to be held by the whole Church.....	98.6
480	The Pope is not impeccable.....	97.5
486	The Church has as its object to sanctify men and lead them to heaven.....	98.5
489	It is the duty of a Catholic to do all he can to have good laws enacted.....	97.1

Class 2 (90 to 94.9 per cent)

397B	The mission of the Catholic Church is to teach with infallibility the way to heaven.....	92.2
399	Jesus Christ established a Church.....	91.9
400	Before His death Christ chose twelve apostles.....	92.0
409	Christ threatened condemnation to those who refused to believe.....	92.1
414	The Church is the society of all the faithful.....	93.6
432	One of the powers of the priestly office is to forgive sins.....	93.6
444	We know that the Church will endure to the end of time because Christ promised always to remain with it and assist it.....	94.1

Class 2 (90 to 94.9 per cent)

455	The bishops each in his diocese rule the Church.....	92.0
467	Christ promised to preserve the Church from error by His own presence and assistance.....	90.6
474	When the Pope defines a doctrine of faith or morals, the Church exercises its infallibility.....	93.5
487	The State has no right to dictate to the Church in spiritual matters.....	94.3
488	Church and State are supreme each in its own field....	93.0
490	It is the duty of a Catholic to assist in the enforcing of just civil laws.....	98.4

Class 3 (75 to 89.9 per cent)

397A	The mission of the Catholic Church is to teach with authority the way to heaven.....	89.7
406	Christ endowed His apostles with power to rule the Church.....	88.0
417	The Church is united under its lawful pastors.....	85.2
441A	Christ came to save all men.....	89.7
441B	Because men of future ages need the Church as much as those in the time of the apostles, the Church must be perpetual.....	85.3
445	When Christ sent the Holy Ghost to abide with the Church forever, He provided perpetual existence to the end.....	87.7
446	The Bishop of Rome is commonly called the Pope.....	89.4
456	The bishops by divine appointment rule the Church under the authority of the Pope.....	87.4
491	Good citizens observe reasonable civil laws.....	87.5
413	The Church founded by Jesus Christ is the one which God orders all men to join.....	82.5
431	One of the powers of the priestly office is to offer sacrifice.....	80.1
398	The Catholic Church is the one Church of which God has commanded all men to be members.....	77.1
404	Christ endowed His apostles with power to offer sacri- fice.....	78.8
410	Christ promised to be with the Church to the end of time.....	79.8
438	By ordaining and appointing priests and bishops, the apostles provided primarily for the perpetuity of the Church.....	79.0
448	The Bishop of Rome is the successor of St. Peter as visible head of the Church.....	75.2
452	The Church has always held the Bishop of Rome to be its universal head.....	79.6

Class 4 (Under 75 per cent)

453	The bishops in communion with the Pope are the lawful successors of the apostles.....	71.7
-----	--	------

Class 4 (Under 75 per cent)

- 454 The bishops by divine appointment rule the Church..... 53.7  
 469 The teaching of the Church must be infallibly true  
 because God could not command men under penalty of  
 damnation to believe what is false..... 53.6

The test contains eighty-four questions referring to the Ninth Article.

Fifty-two pertain to the organization and government of the Church, fifteen to the marks of the Church, six to the topic "There is No Salvation Outside the Church", and eleven to the communion of saints. The facts pertaining to each of these topics will be discussed separately.

Of the fifty-two questions pertaining to the Church, only nineteen are known by practically all of the students. A small minority show ignorance of thirteen truths. The twenty facts which less than 90 per cent of the students know should be given more emphasis in the curriculum. Only 80 per cent know that Christ promised to be with His Church to the end of time. The power to offer sacrifice is not correctly understood, since only 80 per cent know that the offering of sacrifice is one of the priestly powers and only 78 per cent know that Christ endowed the apostles with such power. Other facts listed under Classes 3 and 4 are equally important.

The Ninth Article--The Marks of the ChurchClass 1 (95 to 100 per cent)

- 497 The Church is one because its members profess the same  
 doctrines..... 95.9  
 502 The Catholic Church is holy because its founder Jesus  
 Christ is holy..... 99.2

Class 2 (90 to 94.9 per cent)

- 499 The Church is one because its members obey the same  
 visible head..... 94.5

Class 3 (75 to 89.9 per cent)

507	The word "Catholic" means "universal".....	88.0
511	Any Church which cannot trace back its origin to the apostles in an unbroken succession is not the one which Christ founded.....	85.0
512	The Church has the mark of apostolicity because the bishops of the Church are the legitimate successors of the apostles.....	82.3
492	Unity is one of the four marks of the true Church.....	76.6

Class 4 (Under 75 per cent)

493	Holiness is one of the four marks of the true Church...	73.3
495	Apostolicity is one of the four marks of the true Church.....	70.4
498	The Church is one because its members use the same worship and sacraments.....	71.8
513	Because the Catholic Church derives its doctrines, its holy orders, and its mission from the apostles, it is said to be apostolic.....	74.6
494	Catholicity is one of the four marks of the true Church	67.0
504	The Catholic Church is holy because it produces many great saints and martyrs.....	53.1
508	Because the Catholic Church is spread throughout all parts of the world with a great number of its members it has the mark of Catholicity.....	42.7
510	The Catholic Church has the mark of Catholicity in doctrine because it possesses all revealed truths and means of salvation.....	38.5

There are fifteen essentials pertaining to the marks of the Church. The scores on three of the truths indicate student mastery; the scores on the remaining facts point to unsatisfactory knowledge. Students cannot satisfactorily name the four marks of the true Church: unity, holiness, apostolicity, and catholicity. The percentage of students who answer these questions correctly is 77, 73, 70, and 67 respectively. The difficulty seems to be ignorance of the meaning of terms. The explanation of terms is an important element in the teaching and understanding of this topic and the preceding one.

A priest with many years experience in the classroom remarked to the writer that our boys and girls appear not to be interested in apologetics.

by accept these facts on faith. It is stories that appeal and hold their interest. A question may evolve from this comment. Does such student reaction induce the teacher to slight the necessary apologetic approach? Should not the teacher instead make the presentation more effective, so that the essential knowledge may be assimilated by the students? It is interesting to note the results of Brother Basil's study (7). Boys have a better knowledge of the facts relating to the powers of the Pope and bishops, and girls have a superior knowledge of the marks of the Church.

### The Ninth Article--No Salvation Outside the Church

#### Class 1 (95 to 100 per cent)

- |     |   |      |
|-----|---|------|
| 519 | We know that everyone is bound to be a member of the Catholic Church because Christ commanded all men to belong to the Catholic Church..... | 97.0 |
| 528 | An excommunicated person cannot receive the sacraments.   | 96.2 |
| 535 | Non-Catholics who through no fault of their own are ignorant of the true Church, may be pleasing to God..                                   | 96.9 |

#### Class 2 (90 to 94.9 per cent)

- |     |   |      |
|-----|---|------|
| 521 | No one can be a good Catholic unless he believes all that the Church teaches..... | 93.5 |
|-----|---|------|

#### Class 3 (75 to 89.9 per cent)

- |     |   |      |
|-----|---|------|
| 522 | No one can be a good Catholic unless he fulfills all the obligations imposed by the Church..... | 89.0 |
| 520 | No one can be a good Catholic unless he has been baptized.....                                  | 77.7 |

The knowledge of students on the facts pertaining to salvation is satisfactory.

### The Communion of Saints

#### Class 1 (95 to 100 per cent)

- |     |   |      |
|-----|---|------|
| 540 | By our prayers and sufferings we can help one another.. | 95.2 |
| 542 | The saints and angels can assist us.....                | 95.7 |
| 546 | We can help the holy souls by prayers.....              | 99.6 |

Class 1 (95 to 100 per cent)

- 549 We can help the holy souls by having the Holy Sacrifice offered for them..... 99.7

Class 2 (90 to 94.9 per cent)

- 550 We can help the holy souls by all our good works..... 92.1

Class 3 (75 to 89.9 per cent)

- 543 By our prayers and sufferings we can help the souls in purgatory..... 78.5  
548 We can help the holy souls by fasting..... 77.9

Class 4 (Under 75 per cent)

- 545 The souls in purgatory can help us by their prayers.... 74.9  
547 We can help the holy souls by alms..... 71.1  
551 The souls in purgatory cannot merit for themselves.... 51.2  
536 Definition of 'communion of saints'..... 46.9

Students have learned well five of the eleven essentials pertaining to the communion of saints. The remaining six essentials should be given more emphasis in religious instruction. The data indicate lack of understanding rather than lack of remembering. Ninety-two per cent of the students know that we can help the poor souls by all our good works, but they do not seem to know that prayers, fasting, and alms are good works. On these specific questions students show a failure of 21, 22, and 29 per cent, respectively. Forty-nine per cent do not know that the poor souls can gain no merit for themselves and 53 per cent cannot define the term "communion of saints".

The Tenth ArticleClass 1 (95 to 100 per cent)

- 557 One of the two sacraments by which sin is principally remitted is penance..... 96.2  
558 Christ gave the power of remitting sin to the bishops and priests of the Church..... 97.3  
559 No actual sin can be forgiven unless the sinner is repentant..... 97.0

Class 1 (95 to 100 per cent)

- 560 No matter how grievous our sins are, they will be forgiven if we truly repent..... 99.5

Class 3 (75 to 89.9 per cent)

- 555 Sins are forgiven through the merits of Jesus Christ.... 82.3

Class 4 (Under 75 per cent)

- 556 One of the two sacraments by which sin is principally forgiven is Baptism..... 68.4

On four of the six essentials pertaining to the forgiveness of sins, students show mastery. The score on Essential 556 indicates that the power of baptism in forgiving sins be clarified. While only 7 per cent of the students fail to identify the sacrament of penance as a principal means for committing sin, 32 per cent do not know that the sacrament of baptism has the same power. It is somewhat disquieting to note that 18 per cent of twelfth-grade students do not know that our sins are forgiven through the merits of Jesus Christ.

The Eleventh ArticleClass 1 (95 to 100 per cent)

- 566 At death the soul is rewarded with heaven or sentenced to hell or purgatory..... 97.9

Class 2 (90 to 94.9 per cent)

- 574 Cremation is strictly forbidden to Catholics by the law of the Church, except in the case of pestilence or war..... 88.0  
564 At death the soul is separated from the body..... 84.2

There are only three truths pertaining to the topic of the resurrection of the body. Sixteen per cent of the students do not know that the soul is separated from the body at death.

## The Twelfth Article

### Class 1 (95 to 100 per cent)

580	Be the beatific vision the blessed see God face to face.	97.3
590	Heaven will last forever.....	96.9
603	The souls in purgatory are sure of their salvation and God's love.....	97.5

### Class 2 (90 to 94.9 per cent)

578	When the just enter into life everlasting, they will be happy forever.....	94.7
585	The possession of God in heaven is the greatest happi- ness of the blessed in heaven.....	93.9

### Class 3 (75 to 89.9 per cent)

592	The damned suffer the pain of loss.....	85.0
600	Definition of "purgatory".....	95.8
608	After the last judgment there will be heaven and hell, but no purgatory.....	83.8

### Class 4 (Under 75 per cent)

591	God being a just judge must punish the sinner.....	62.2
577	By life everlasting we mean being with God for all eternity.....	37.7
611	One of the four last things to be remembered by man is heaven.....	35.1
593	The damned suffer the pain of sense.....	36.3
612	One of the four last things to be remembered by man is hell.....	34.7
609	One of the four last things to be remembered by man is death.....	26.7
610	One of the four last things to be remembered by man is judgment.....	26.1

Responses to the fifteen questions pertaining to life everlasting, show a wide distribution. Approximately one-half of the essentials fall in the lowest class. While 85 per cent of the students know that the damned suffer the pain of loss, 64 per cent do not know that they also suffer the pain of sense. An alarming per cent of students show failure on the questions requiring students to name the four last things to be remembered by man. One might be inclined to think that failure is due to the



terminology used in the test. But "the four last things" is a phrase commonly used in religion texts even at the elementary level and, therefore, should be familiar to students.

### Foundation Principles of a Christian Life

#### Class 1 (95 to 100 per cent)

616	Only one thing is necessary: to save one's soul.....	99.5
618	The foundation of a Christian life is faith.....	96.0
620	Christian hope has for its object heaven.....	95.8
622	A Christian must love God.....	99.4

#### Class 2 (90 to 94.9 per cent)

619	It is not enough to believe; a Christian must hope.....	90.5
-----	---	------

#### Class 3 (75 to 89.9 per cent)

613	The Church of Jesus Christ has sole authority to teach us our duty to God and what we must do to be saved...	88.9
623	A Christian must love his neighbor for God's sake.....	80.8
617	Faith without good works is insufficient for salvation.	78.4

Students show mastery on half of the facts under this topic. The two truths, that a Christian must love his neighbor for God's sake and that faith without good works is insufficient for salvation, indicate unsatisfactory knowledge.

### The Christian Ideal

#### Class 1 (95 to 100 per cent)

635	We should make acts of faith, hope and charity in time of temptation.....	98.5
659	A person will overcome any vicious habit no matter how firmly rooted if he combats it constantly.....	96.7
661	A person will overcome any vicious habit no matter how firmly rooted if he prays daily for God's assistance.	98.1
664	God calls upon all Christians to strive for perfection according to their state of life.....	99.0
670	To attain perfection we should frequently approach the sacraments.....	97.0
671	To attain perfection we should practice self-denial....	99.1

Class 1 (95 to 100 per cent)

672	To attain perfection we should avoid deliberate venial sin.....	97.2
706	It is in accordance with Christian perfection to take part in games and recreation, provided they are innocent and proper.....	99.6
738	Persons should be free in choosing their vocation.....	96.2
739	Parents who try to prevent their children from following a true vocation will have to answer for their actions to Almighty God.....	96.9

Class 2 (90 to 94.9 per cent)

627	To perform a supernatural act we must be in the state of grace.....	93.4
636	We should make acts of faith, hope, and charity when we receive the sacraments.....	90.2
637	We should make acts of faith, hope, and charity in great danger.....	92.1
638	We should make acts of faith, hope, and charity on our deathbed.....	92.3
662	A person will overcome any vicious habit no matter how firmly rooted if he uses sacramental help.....	93.6
663	A person will overcome any vicious habit no matter how firmly rooted if he avoids the occasion of sin.....	93.0
737	It is always advisable for a person to consult his confessor before making a final decision in regard to his vocation.....	92.6

Class 3 (75 to 89.9 per cent)

648B	Our passions become evil only when we fail to control them.....	87.9
651	Prayer is one of the three eminent good works.....	89.4
682	Every man must support himself, his family, and those who depend on him.....	88.2
700	We must practice self-denial because it gives us control over our passions.....	88.4
704	It is a praiseworthy practice to say grace before and after meals.....	89.4
633A	Faith is one of the three theological virtues.....	81.7
633B	Hope is one of the three theological virtues.....	81.6
633C	Charity is one of the three theological virtues.....	83.0
653	Almsgiving is one of the three eminent good works.....	80.1
657	Every action of the day should be directed to God by making the morning offering of it to God.....	83.5
669	To attain perfection we should cultivate a habit of prayer.....	84.1
731	Every boy or girl who is properly qualified may aspire to be a religious.....	81.5

Class 4 (Under 75 per cent)

634	We should make acts of faith, hope, and charity every day.....	67.0
652	Fasting is one of the three eminent good works.....	60.8
648A	Our passions in themselves are good.....	48.1

The essentials referring to the Christian ideal number thirty-two. Se-

venteen of these essentials have been learned by more than 90 per cent of

the students. The remaining fifteen essentials should be given more empha-

sis. All the facts pertaining to the Christian ideal suggest means by which

the ideal can be attained through positive action. Their importance lies in

the fact that the positive practice of virtue must necessarily accompany the

avoidance of evil. There are five facts pertaining to the circumstances

under which we should make acts of faith, hope, and charity. Four of the

facts state definite times: during temptation, when receiving the sacraments,

a great danger, and on one's deathbed. According to the data, students

understand that these acts should be made at definite times, but apparently

they do not realize that acts of faith, hope, and charity should be made

every day (634). The results on these five items bear out the truth of the

statement frequently made that in time of stress or difficulty we turn to God

and through prayer seek relief or strength, but when all is well with us we

readily forget our dependence on God and neglect prayer. In religious

instruction the point is worthy of consideration.

### Summary

1. Of the 362 essentials under the Apostles' Creed, 104 show student mastery, 71 have been learned by all students except a small minority, 108 point to unsatisfactory knowledge, and 79 have been definitely neglected.

2. Fifty per cent or more of the essentials under the following topics, all of which fall into Classes 3 and 4, have not been satisfactorily learned.

First Article of the Creed--Scripture and Tradition  
Creation  
Man and His Fall  
The Angels

Second Article of the Creed

Third Article of the Creed

Fourth Article of the Creed

Fifth Article of the Creed

Sixth Article of the Creed

Seventh Article of the Creed

Eighth Article of the Creed

Ninth Article of the Creed--Marks of the Church

Eleventh Article of the Creed

Twelfth Article of the Creed

3. Individual guidance or group instruction should be given to the students who have not learned the 108 essentials in Class 3.

4. More intensive study in the classroom should be devoted to the 79 essentials that have been neglected.

5. The results on the individual test questions indicate that more attention should be given to the teaching of truths pertaining to the life of our Divine Savior, to the doctrinal truths pertaining to the Holy Spirit, and to the facts that have practical value in the every-day life of Catholic young men and women. The last-named truths would include the doctrinal facts under the topics "Creation of Man" and "Man and His Fall."

6. A comparison of the results on the individual truths indicate that students do not form associations between related facts or understand their relationships. The following example will illustrate this point. The statements "Christ rose from the dead by His own divine power" and "Christ ascended into heaven by His own divine power", contain a common element "by His own divine power". An explanation of this common element should lead to a better understanding of the divine power of Christ and the power of the saints in performing miracles or extraordinary acts.

## CHAPTER VI

### KNOWLEDGE OF TWELFTH-GRADE STUDENTS--THE COMMANDMENTS

To the question, "How well have the twelfth-grade students learned the minimum essentials in high-school religion?" a partial answer was given in the preceding chapter. The scores of the students were presented, an analysis was made and the results of the findings for each individual test item for the Apostles' Creed were summarized. The second major division of subject matter is the Commandments. This chapter will present evidence to show how well twelfth-grade students know the essentials applying to the Commandments. The technic of procedure will be the same as in the preceding chapter. For a complete explanation of the plan followed, the reader is referred to the opening pages of Chapter V.

On the table that follows, the test items, arranged by topics according to the numerical order of essentials, are grouped into 5 per cent intervals or advances. Section 1 comprises those test items which 95 per cent or more of the students know; Section 2, those which 90.0 to 94.9 per cent have learned; and Section 3, those essentials which 85.0 to 89.9 per cent know, and so on. Table VIII presents this information.

TABLE VIII -- PERCENTAGES OF CORRECT AND INCORRECT ANSWERS OF  
TWELFTH-GRADE STUDENTS ON THE TEST QUESTIONS FOR THE COMMANDMENTS

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
<u>Section 1.</u> 95.0 per cent or more of the students know these facts.				
Commandments in General	742	95.19	4.81	1
Sin	760	97.36	2.64	
	761	98.35	1.65	
	763	97.77	2.23	
	765	97.95	2.05	
	766	97.97	2.03	
	777	98.94	1.06	
	779	96.95	3.05	
	792	98.71	1.29	
	794	97.12	2.88	
	796	96.05	3.95	
	803	95.76	4.24	
	814	97.77	2.23	
	823	97.61	2.39	13
The Two Great Commandments	827	98.56	1.44	
	839	97.80	2.20	
	844	95.63	4.37	
	855	95.50	4.50	
	859	95.94	4.06	
	860	99.15	.85	
	892	95.99	4.01	
	894	97.69	2.31	
	898	96.70	2.30	
	914	95.87	4.13	10
First Commandment	920	96.67	3.33	
	926	97.18	2.82	
	929	95.56	4.44	
	932	96.05	3.95	
	934	96.55	3.45	
	947	95.86	4.14	
	950	97.68	2.32	
	951	98.06	1.91	
	958	96.05	3.95	
	972	98.94	1.06	
	977	96.00	4.00	
	987	98.53	1.47	
	988	96.50	3.50	

TABLE VIII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
First Commandment	989	95.42	4.58	18
	991	96.81	3.19	
	996	97.04	2.96	
	1006	98.67	1.33	
	1010	99.44	.56	
Second Commandment	1023	99.54	.46	6
	1025	95.72	4.28	
	1026	99.28	.72	
	1027	97.46	2.54	
	1046	95.54	4.46	
	1057	98.71	1.29	
Third Commandment	1069	97.14	2.86	6
	1070	98.60	1.40	
	1078	98.27	1.73	
	1081	98.83	1.17	
	1091	97.72	2.28	
	1092	95.06	4.94	
Fourth Commandment	1107	99.22	.78	24
	1108	98.50	1.50	
	1110	97.27	2.73	
	1112	99.38	.62	
	1113	97.58	2.42	
	1114	99.22	.78	
	1115	96.21	3.78	
	1119	95.53	4.47	
	1122	95.53	4.47	
	1123	97.77	2.23	
	1125	95.59	4.41	
	1128	97.25	2.75	
	1133	97.69	2.31	
	1136	98.79	1.21	
	1139	97.12	2.88	
	1149	98.68	1.32	
	1150	98.12	1.88	
	1151	97.94	2.06	
	1152	98.68	1.32	
	1153	98.13	1.87	
	1155	97.32	2.68	
	1160	99.03	.97	
	1172	98.98	1.02	
	1176	97.90	2.10	



TABLE VIII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT *	TOTAL ITEMS
Fourth Commandment	1194	96.21	3.79	10
	1195	99.40	.60	
	1199	98.40	1.60	
	1204	97.51	2.49	
	1206	96.16	3.84	
	1207	98.61	1.39	
	1209	95.16	4.84	
	1210	97.08	2.92	
	1211	97.50	2.50	
	1221	99.71	.29	
Sixth and Ninth Commandments	1238	95.39	4.61	9
	1246	97.54	2.46	
	1247	98.98	1.02	
	1248	99.51	.49	
	1249	97.35	2.65	
	1251	99.44	.56	
	1252	97.25	2.75	
	1254	99.00	1.00	
	1255	98.73	1.27	
Seventh and Tenth Commandments	1259	98.64	1.36	16
	1261	97.27	2.73	
	1262	99.16	.84	
	1263	95.53	4.47	
	1264	95.08	4.92	
	1265	96.20	3.80	
	1271	99.40	.60	
	1272	99.05	.95	
	1274	97.12	2.88	
	1276	97.07	2.93	
	1282	98.60	1.40	
	1288	98.59	1.41	
	1297A	96.27	3.73	
	1298	98.21	1.79	
	1299	96.13	3.87	
	1309	97.69	2.31	
Eighth Commandment	1312	96.44	3.56	6
	1314	96.29	3.71	
	1318	96.70	3.30	
	1328	96.14	3.86	
	1331	99.25	.75	
	1335	98.38	1.62	
Commandments of the Church	1353	95.49	4.31	1

TABLE VIII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
First Commandment of the Church	1354	97.81	3.19	1
Second Commandment of the Church	1363	99.03	.97	3
	1376	98.91	1.09	
	1394	97.83	2.17	
Fourth Commandment of the Church	1416	99.17	.83	1
Fifth Commandment of the Church	1421	97.45	2.55	1
Six and Special Sin	1447	97.69	2.31	9
	1449	97.23	2.77	
	1471	97.45	2.55	
	1472	95.49	4.51	
	1473	96.33	3.67	
	1474	98.50	1.50	
	1475	97.68	2.32	
	1477	99.25	.75	
	1478	99.54	.46	9
				135
Section 2. 90.0 to 94.9 per cent of the students know these facts.				
Commandments in General	752	94.52	5.48	2
	754	91.06	8.94	
In	758	93.32	6.68	10
	762	94.60	5.40	
	767	92.83	7.17	
	770	92.15	7.85	
	775	94.87	5.13	
	778	92.15	7.85	
	782	94.49	5.51	
	797	94.85	5.15	
	815	94.46	5.54	
	826	94.38	5.62	
The Two Great Commandments	828	94.89	5.11	7
	830	90.59	9.41	
	861	90.35	9.65	
	893	92.87	7.13	
	901	93.01	6.99	
	906	94.38	5.62	
	907	93.83	6.17	

TABLE VIII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Ninth and Tenth Commandments	1260	94.14	5.86	5
	1266	92.49	7.51	
	1283	94.10	5.90	
	1287	92.35	7.65	
	1305	92.81	7.19	
Eighth Commandment	1313	93.60	6.40	5
	1316	90.70	9.30	
	1327	91.31	8.69	
	1333	92.49	7.51	
	1336	92.84	7.16	
Commandments of the Church	1346	93.20	6.80	4
	1349	92.11	7.89	
	1351	94.78	5.22	
	1352	93.76	6.24	
Second Commandment of the Church	1364	91.03	8.97	2
	1389	93.15	6.85	
Fourth Commandment of the Church	1422	92.29	7.71	1
Fifth and Special Sin	1425	93.60	6.40	5
	1433	93.09	6.91	
	1444	93.14	6.86	
	1476	94.28	5.72	
	1479	94.73	5.27	
				81
Section 3. 85.0 to 89.9 per cent of the students know these facts.				
Commandments in General	745	89.04	10.96	2
	753	89.83	10.17	
The Two Great Commandments	769	88.70	11.30	4
	793	89.79	10.21	
	812	87.41	12.59	
	813	88.15	11.85	
First Commandment	893	87.97	12.03	2
	904	89.16	10.84	
First Commandment	918	85.34	14.66	
	930	88.04	11.96	

TABLE VIII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
First Commandment	945	85.60	14.40	6
	954	87.47	12.53	
	955	87.43	12.57	
	973	86.25	13.75	
Second Commandment	1041	88.25	11.75	4
	1043	86.81	13.19	
	1053	89.07	10.93	
	1058	89.15	10.85	
Third Commandment	1079	86.62	13.38	2
	1086	87.68	12.32	
Fourth Commandment	1111	88.36	11.64	4
	1124	89.24	10.76	
	1159	89.22	10.78	
	1161	86.20	13.80	
Fifth Commandment	1223	88.61	11.39	1
Sixth and Ninth Commandments	1234	89.54	10.46	4
	1244	87.84	12.16	
	1250	88.41	11.59	
	1253	88.78	11.22	
Seventh and Tenth Commandments	1267	89.81	10.19	4
	1278	89.88	10.12	
	1280	87.12	12.88	
	1297B	88.03	11.97	
Commandments of the Church	1343	87.59	12.41	1
Second Commandment of the Church	1360	89.42	10.58	2
	1383	85.11	14.89	
Third Commandment of the Church	1413	88.89	11.11	1
Vice and Special Sin	1463	89.51	10.49	<u>1</u>
				38
Section 4. 80.0 to 84.9 per cent of the students know these facts.				
Commandments in General	744	83.08	16.92	2
	750	81.26	18.74	

TABLE VIII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Sin	759	82.69	17.31	5
	764	83.16	16.84	
	768	83.18	16.82	
	783	82.91	17.09	
	784	84.25	15.75	
The Two Great Commandments	897	80.63	19.37	3
	899	82.17	17.83	
	905	84.07	15.93	
First Commandment	916	84.38	15.62	4
	923	80.37	19.63	
	992	80.54	19.46	
	995	83.36	16.67	
Third Commandment	1065	82.84	17.16	3
	1077	83.80	16.20	
	1101	81.80	18.20	
Fourth Commandment	1135	81.65	18.35	2
	1166	84.12	15.88	
Fifth Commandment	1192	82.92	17.08	2
	1222	82.92	17.08	
Sixth and Ninth Commandments	1239	83.78	16.22	3
	1242	82.53	17.47	
	1257	82.21	17.79	
Seventh and Tenth Commandments	1273	81.83	18.17	4
	1284	81.35	18.65	
	1292	83.95	16.05	
	1293	83.79	16.21	
Eighth Commandment	1332	80.45	19.55	2
	1339	84.82	15.18	
Commandments of the Church	1344	82.50	17.50	1
Second Commandment of the Church	1365	80.54	19.46	2
	1405	81.36	18.64	
Fourth Commandment of the Church	1418	82.80	17.20	1
Vice and Special Sin	1424	84.01	15.99	<u>1</u>

TABLE VIII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
<u>Section 5.</u> 75.0 to 79.9 per cent of the students know these facts.				
Commandments in General	743	75.82	24.18	
	746	76.00	24.00	
	747	79.64	20.36	
	749	77.63	22.37	
	751	78.46	21.54	5
Sin	771	75.47	24.53	
	774	78.39	21.61	
	801	79.64	20.36	
	825	75.01	24.99	4
First Commandment	939	77.23	22.77	
	993	76.58	23.42	2
Second Commandment	1036	76.09	23.91	
	1049	79.99	20.01	2
Fourth Commandment	1163	75.12	24.88	
	1177	76.96	23.04	2
Fifth Commandment	1186	78.52	21.48	
	1188	75.12	24.88	2
Sixth and Ninth Commandments	1241	75.37	24.63	1
Eighth Commandment	1317	78.82	21.18	
	1323	76.38	23.62	
	1334	77.56	22.44	3
Commandments of the Church	1345	79.69	20.31	1
Second Commandment of the Church	1366	77.69	22.31	1
Vice and Special Sin	1440	76.79	23.21	
	1452	77.12	22.88	2
				<hr/> 25
<u>Section 6.</u> 70.0 to 74.9 per cent of the students know these facts.				
Commandments in General	748	72.19	27.81	1
First Commandment	931	70.88	29.12	1

TABLE VIII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Second Commandment	1022	74.64	25.36	2
	1037	70.87	29.13	
Fourth Commandment	1180	70.67	29.33	1
Fifth Commandment	1196	72.02	27.98	1
Eighth Commandment	1315	73.94	26.06	1
Second Commandment of the Church	1393	72.75	27.25	1
Fourth Commandment of the Church	1417	70.92	29.08	1
				9
<u>Section 7.</u> 65.0 to 69.9 per cent of the students know these facts.				
Sin	795	66.53	33.47	2
	798	68.87	31.13	
The Two Great Commandments	913	69.29	30.71	1
First Commandment	917	69.18	30.82	3
	956	67.39	32.61	
	1011	66.26	33.74	
Second Commandment	1021	69.38	30.62	3
	1040	69.92	30.08	
	1052	66.35	33.65	
Fourth Commandment	1158	68.22	31.78	1
Sixth and Ninth Commandment	1240	65.72	34.28	1
Seventh and Tenth Commandment	1275	65.28	34.72	1
				12
<u>Section 8.</u> 60.0 to 65.9 per cent of the students know these facts.				
First Commandment	915	64.69	35.31	1
Second Commandment	1056	61.94	38.06	1

TABLE VIII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Third Commandment	1072	60.67	39.33	
	1093	60.58	39.42	2
Fifth Commandment	1200	61.04	38.96	1
Sixth and Ninth Commandments	1232	64.10	35.90	1
Seventh and Tenth Commandments	1290	61.76	38.24	1
Eighth Commandment	1329	61.45	38.55	
	1337	60.82	39.18	2
Second Commandment of the Church	1362	60.06	39.94	
	1388	62.82	37.18	<u>2</u>
				11
Section 9. 55.0 to 59.9 per cent of the students know these facts.				
First Commandment	936	58.93	41.07	
	978	59.73	40.27	2
Third Commandment	1080	57.31	42.69	1
Eighth Commandment	1324	56.31	43.69	1
Commandments of the Church	1348	58.16	41.84	1
Second Commandment of the Church	1377	55.95	44.05	1
Third Commandment of the Church	1414	57.31	42.69	1
Deceit and Special Sin	1443	59.97	40.03	<u>1</u>
				8
Section 10. 50.0 to 54.9 per cent of the students know these facts.				
The Two Great Commandments	846	53.09	46.91	1
Third Commandment	1073	53.98	46.02	1
Eighth Commandment	1330	52.29	47.71	1
Second Commandment of the Church	1375	54.14	45.86	<u>1</u>
				4



TABLE VIII (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
<u>Section 11.</u> 45.0 to 49.9 per cent of the students know these facts.				
Sin	809	45.86	54.14	<u>1</u>
				1
<u>Section 12.</u> 40.0 to 44.9 per cent of the students know these facts.				
Sin	807	41.74	58.26	
	808	44.44	55.56	2
First Commandment	921	44.63	55.37	1
Nine and Special Sin	1445	44.19	55.81	<u>1</u>
				4
<u>Section 13.</u> 35.0 to 39.9 per cent of the students know these facts.				
First Commandment	937	35.86	64.14	1
Second Commandment	1029	36.77	63.23	1
Seventh and Tenth Commandments	1279	35.28	64.72	1
Eighth Commandment	1321	36.88	63.12	<u>1</u>
				4
<u>Section 15.</u> 25.0 to 29.9 per cent of the students know these facts.				
First Commandment	922	29.94	70.06	1
Eighth Commandment	1320	27.30	72.70	<u>1</u>
				2

In the following discussion of the data presented on Table VIII, the essentials are divided into four classes. Class 1 includes those facts which 95 per cent or more of the students know; Class 2 includes those essentials which 90.0 to 94.9 per cent have learned; Class 3 comprises those truths which 75.0 to 89.9 per cent have learned; and Class 4 includes all essentials which less than 75 per cent of the students have learned. The essentials grouped in Class 1 show student mastery; those included in Class 2 have been learned by all except a small minority; those under Class 3 have not been adequately learned; and those in Class 4 have been definitely neglected. For a more detailed description and explanation of this arbitrary classification the reader is referred to the opening pages of Chapter V.

### Commandments in General

#### Class 1 (95 to 100 per cent)

742	First Commandment: I am the Lord, thy God, thou shalt not have strange gods before me.....	95.1
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#### Class 2 (90 to 94.9 per cent)

752	Definition of "conscience".....	94.5
754	One who has a doubtful conscience should not act until he has cleared up the conscience.....	91.0

#### Class 3 (75 to 89.9 per cent)

745	The fourth Commandment: Honor thy father and thy mother	89.8
753	If an action is not wrong, but a person thinks it is and performs it anyhow, he is guilty of sin because he has the will or disposition to do wrong.....	89.8
744	Third Commandment: Remember thou keep holy the Sabbath day.....	83.0
750	Ninth Commandment: Thou shalt not covet thy neighbor's wife.....	81.2
743	Second Commandment: Thou shalt not take the name of the Lord in vain.....	75.8
746	Fifth Commandment: Thou shalt not kill.....	76.0
747	Sixth Commandment: Thou shalt not commit adultery.....	79.6

Class 3 (75 to 89.9 per cent)

749	Eighth Commandment: Thou shalt not bear false witness against thy neighbor.....	77.6
751	Tenth Commandment: Thou shalt not covet thy neighbor's goods.....	78.4

Class 4 (Under 75 per cent)

748	Seventh Commandment: Thou shalt not steal.....	72.1
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The data under the topic Commandments in General reveal that students

cannot identify satisfactorily the Ten Commandments.

SinClass 1 (95 to 100 per cent)

760	A sin may be committed by any wilful deed against the law of God.....	97.3
761	A sin may be committed by any wilful omission against the law of God.....	98.3
763	Original sin is the sin of Adam, which has passed to all his descendants.....	97.7
765	The Blessed Virgin was entirely free from the guilt of original sin.....	97.9
766	A sin is an offense against Almighty God.....	97.9
777	Mortal sin is the greatest evil in the world.....	98.9
779	The malice of mortal sin consists in this, it is a rebellion of the creature against God.....	96.9
792	Venial sin is a lesser offense against God than mortal sin.....	98.7
794	A sin is venial when the matter is not serious.....	97.1
796	A sin is venial when a person does not give full consent.....	96.0
803	Venial sin, if committed frequently, paves the way for mortal sin.....	95.7
814	We must properly and promptly resist temptation.....	97.7
823	Those who are tempted should pray earnestly for help...	97.6

Class 2 (90 to 94.9 per cent)

758	A sin may be committed by any wilful thought against the law of God.....	93.3
762	Definition of the term "actual sin".....	94.6
767	Mortal sin is a grievous offense against Almighty God..	92.8
770	One of the three conditions required for mortal sin: Deliberate wilful consent.....	92.1
775	Definition of "deliberate, wilful consent".....	94.8

Class 2 (90 to 94.9 per cent)

778	Any violation of a commandment is a sin.....	92.1
782	Mortal sin deprives us of sanctifying grace.....	94.4
797	Venial sin may be forgiven by perfect contrition.....	94.8
815	If we are slow to resist or reject temptation or toy with it, we are guilty of a sin.....	94.4
826	Those who are tempted should go frequently to confes- sion and Communion.....	94.3

Class 3 (75 to 89.9 per cent)

769	Full knowledge and advertence is one of the three con- ditions required for mortal sin.....	88.7
793	Next to mortal sin, venial sin is the greatest evil in the world.....	89.7
812	Temptation in itself is not a sin.....	87.4
813	To bring temptation on ourselves knowingly and without sufficient reason is sinful.....	88.1
759	A sin may be committed by any wilful word against the law of God.....	82.6
764	Our Lord Jesus Christ was entirely free from the guilt of original sin.....	83.1
768	Grave serious matter is one of the three conditions required for mortal sin.....	83.1
783	Mortal sin makes us enemies of God.....	82.9
784	Mortal sin takes away our right to heaven.....	84.2
771	Definition of "grave matter".....	75.4
774	Full knowledge is had when a person understands the malice or evil he is doing.....	78.3
801	Venial sin is not forgiven when one retains a wilful attachment to it.....	79.6
825	Those who are tempted should turn their thoughts to other things.....	75.0

Class 4 (Under 75 per cent)

795	A sin is venial when a person does not realize its gravity.....	66.5
798	Venial sin may be forgiven by confession and attrition.	68.8
809	One of the three main sources of temptation is the devil.....	45.8
807	One of the three main sources of temptation is the flesh.....	41.7
808	One of the three main sources of temptation is the world.....	44.4

The test contains forty-one questions pertaining to the subject of sin.  
 than 90 per cent of the students can answer twenty-three of these ques-  
 ns, but knowledge of the remaining eighteen essentials is not

atisfactory. The essentials that fall into Classes 3 and 4 should be studied more intensively in the classroom. All of these facts are important, but the writer wishes to direct attention to a few truths that enter into everyday life. There is reason to become disturbed when even a small minority fail to know that temptation is not a sin, that our Divine Savior was free from the guilt of original sin, that mortal sin makes us enemies of God and takes away our right to heaven, that in time of temptation one should turn his thoughts to other things, and that venial sin may be forgiven by confession and attrition. These questions are answered correctly by 87, 83, 84, 75, and 69 per cent of the students, respectively. Approximately 55 per cent of the students do not know the three main sources of temptation.

### The Two Great Commandments

#### Class 1 (95 to 100 per cent)

827	One of the two great commandments is the love of God.	98.5
839	We should love God because He is infinitely good and perfect, and worthy of all love.....	97.8
844	Our love of God may be manifested by frequently receiving the sacraments.....	95.6
855	We must love all men because God loves all men and commands us to love them.....	95.5
859	It is a sin to wish evil to anyone.....	95.9
860	It is a sin to do wrong to please a friend.....	99.1
892	A true Christian will not seek revenge.....	95.9
894	Christians are bound to give alms according to their means.....	97.6
898	Love of enemies requires that we should assist them in time of need.....	96.7
914	We have the duty to take care of our reputation.....	95.8

#### Class 2 (90 to 94.9 per cent)

828	The second of the two great commandments is the love of our neighbor.....	94.8
830	We love God above all things when we are willing to lose life, property, and all else rather than to offend Him by mortal sin.....	90.5

Class 2 (90 to 94.9 per cent)

861	God regards deeds of charity done to others as though done to Himself.....	90.3
893	A true Christian will imitate Christ by forgiving injuries as he expects God to forgive him.....	92.8
901	We must love our enemies because it is necessary if we wish God to forgive us.....	93.0
906	We must avoid uncharitable thoughts.....	94.3
907	We must avoid a spirit of fault-finding.....	93.8

Class 3 (75 to 89.9 per cent)

895	Christians should help the poor and contribute to the charitable works of the Church.....	87.9
897	Love of enemies requires that we should extend them the ordinary civilities.....	80.6
899	We must love our enemies because God commands it.....	82.1
904	We must avoid uncharitable deeds.....	89.1
905	We must avoid uncharitable words.....	84.0

Class 4 (Under 75 per cent)

913	We have the duty to take care of our property.....	69.2
846	Our love for God may be manifested by service to man for God's sake.....	53.0

The knowledge students have of the essentials pertaining to the two great commandments of love is reasonably satisfactory. More than 90 per cent answer correctly seventeen of the twenty-four questions. Their knowledge of the remaining seven essentials is less satisfactory. They show the highest percentage of failure on the two facts that we must take care of our property (69 per cent) and that we can manifest our love for God by service to man for God's sake. (53 per cent).

The First CommandmentClass 1 (95 to 100 per cent)

920	We worship God by faith by believing what God has revealed on the authority of His word.....	96.6
926	We sin against faith by denying or wilfully doubting any doctrine of the Church.....	97.1

Class 1 (95 to 100 per cent)

929	We are bound to confess our faith when we are questioned by lawful authority.....	95.5
932	It is a sin to read books and newspapers against faith and morals.....	96.0
934	It is a sin to lend to others books and newspapers against faith and morals.....	96.5
947	It is superstitious to use or believe in charms.....	95.8
950	It is superstitious to use or believe in dreams.....	97.6
951	It is superstitious to use or believe in astrology.....	98.0
958	Chain prayers are silly and superstitious.....	96.0
972	Catholics are forbidden to consult fortune tellers.....	98.9
977	It is a sacrilege to receive sacraments unworthily.....	96.0
987	The offering given to the priest who says Mass for us does not buy the Mass.....	98.5
988	We are permitted and urged to honor the saints.....	96.5
989	There is a difference between the honor paid to God and to the saints.....	95.4
991	The Church holds up the saints to our veneration that we may be encouraged to imitate their virtue.....	96.8
996	Definition of "canonized saints".....	97.0
1006	We honor the Blessed Virgin above all other saints because she is the Mother of God.....	98.6
1010	We honor sacred pictures and statues in order to show our veneration for the persons whom they represent...	99.4

Class 2 (90 to 94.9 per cent)

919	We worship God by acts of the virtue of religion.....	90.5
928	We are bound to confess our faith when the honor of God or the good of our neighbor requires it.....	92.8
933	It is a sin to print newspapers and books against faith and morals.....	94.9
935	It is a sin to sell newspapers and books against faith and morals.....	93.7
938	Definition of the term "despair".....	93.5
979	It is a sacrilege to steal church property.....	93.2
984	In case of fire, war, or other emergency, any person may remove the Blessed Sacrament from danger of injury or profanation.....	92.3
1018	Definition of the term "relics".....	94.4

Class 3 (75 to 89.9 per cent)

918	We worship God by acts of the virtue of charity.....	85.3
930	It is sinful to take part in the services of a false religion.....	88.0
945	Those who make use of or believe in superstition sin against the virtue of religion.....	85.6
954	Superstitious practices and beliefs are wrong because they attribute to creatures powers that are above nature	87.4

Class 3 (75 to 89.9 per cent)

955	A Christian should look upon sickness and troubles as gifts from God's hands.....	87.4
973	Definition of the term "sacrilege".....	86.2
916	We worship God by acts of the virtue of faith.....	84.3
923	We worship God by the virtue of religion when we honor and adore Him as the Supreme Being.....	80.3
992	The Church holds up the saints for our veneration that we may be helped by their intercession.....	80.5
995	We honor and invoke the angels because they are dear to God and because they have charge over us.....	83.3
939	Definition of the term "presumption".....	77.2
993	Mass is offered to God, never to the saints, though they are mentioned and invoked in it.....	76.5

Class 4 (Under 75 per cent)

931	If necessary a Catholic may attend a wedding or funeral in a Protestant church, provided he does not join in the services.....	70.8
917	We worship God by acts of the virtue of hope.....	69.1
956	Help is not expected from blessed objects themselves but from God or the saints in whose honor the articles are blessed.....	67.3
1011	We do not adore sacred images because this would be idolatry.....	66.2
915	We are commanded by the first commandment to worship God.....	64.6
936	One sins against hope by despair.....	58.9
978	It is a sacrilege to show contempt for relics and sacred pictures.....	59.7
921	We worship God by hope when we confidently expect to obtain eternal life and the means necessary to attain it.....	44.6
937	One sins against hope by presumption.....	35.8
922	We worship God by charity when we love Him above all things for His own sake and do His will.....	29.9

The students show mastery of approximately one-half of the facts pertaining to the first commandment. The data present evidence that they do not comprehend the value of the theological virtues or their proper meaning. Data on essentials 939 and 937 indicate that the meaning of the term "presumption" is not clear.



## The Second Commandment

### Class 1 (95 to 100 per cent)

1023	Christians should show respect for persons who are consecrated to God.....	99.5
1025	During Mass or other church services we should not talk	95.7
1026	During Mass or other church services we should not laugh.....	99.2
1027	During Mass or other church services we should not gaze about.....	97.4
1046	It is lawful to take a just oath when the laws of the country require it.....	95.5
1057	It is a grievous sin to ask Almighty God to send a person to hell.....	98.7

### Class 2 (90 to 94.9 per cent)

1024	During Mass or other church services we should take a respectful posture.....	94.8
1028	Taking the name of God in vain means using it without sufficient reason or proper reverence.....	90.1
1030	They are guilty of profanity who utter the name of Christ irreverently.....	91.8
1044	An oath is permitted when the reason for taking the oath is sufficient.....	90.5
1055	Should a person swear to do something evil, he does wrong to take such an oath and he does wrong to keep it.....	90.0

### Class 3 (75 to 89.9 per cent)

1041	Definition of the term "oath".....	88.2
1043	To speak the truth is one of the necessary conditions when taking an oath.....	86.8
1053	One is bound to keep a promise under oath.....	89.0
1058	Definition of the term "vow".....	89.1
1036	Blasphemy is abusive or contemptuous language against God.....	76.0
1049	Definition of the term "perjury".....	79.9

### Class 4 (Under 75 per cent)

1022	We are commanded by the second commandment to keep our lawful oaths and vows.....	74.6
1037	Blasphemy is abusive or contemptuous language or actions against the saints.....	70.8
1021	We are commanded by the second commandment to speak with reverence of God and all holy persons and things	69.3
1040	Deliberate blasphemy, being a contempt of God, is by its nature a mortal sin.....	69.9
1052	Perjury is always a mortal sin.....	66.3

Class 4 (Under 75 per cent)

1056	Definition of the term "cursing".....	61.9
1029	They are guilty of profanity who utter irreverently the name of God.....	36.7

The twenty-four facts pertaining to the second commandment are equally distributed among the four classes. The facts found in Classes 3 and 4 are chiefly definitions of such terms as vow, oath, blasphemy, perjury, cursing, and profanity. The students' difficulty seems to be a lack of vocabulary knowledge. The same difficulty is evident in other topics containing facts similar in nature.

The Third CommandmentClass 1 (95 to 100 per cent)

1069	Catholics are bound under pain of mortal sin to hear Mass on Sundays.....	97.1
1070	The obligation of attending the Sunday Mass extends to children who are seven years of age and have come to the use of reason.....	98.6
1078	Sick persons are excused from the obligation of hear- ing Mass on Sundays.....	98.2
1081	Those who live too far to walk and have no conveyance are excused from the obligation of hearing Mass on Sundays.....	98.8
1091	Innocent games and amusements are not forbidden on Sundays.....	97.7
1092	Servile work is forbidden on Sunday.....	95.0

Class 2 (90 to 94.9 per cent)

1071	It is a mortal sin to miss a notable part of the Sunday Mass through one's own fault.....	93.8
1085	We should hear Mass with attention.....	94.7
1093	Definition of the term "servile work".....	93.6
1098	Mental work is permissible on Sunday.....	91.1
1100	Servile work is permitted when necessary for one's sup- port.....	92.5

Class 3 (75 to 89.9 per cent)

1079	Those engaged in work of necessity are excused from the obligation of hearing Mass on Sunday.....	86.6
1086	We should hear Mass with devotion.....	87.6

Class 3 (75 to 89.9 per cent)

1065	Almighty God prescribed the Sabbath that man might devote one day a week to the special service of God and the sanctification of his soul.....	82.8
1077	Those who find it impossible or extremely difficult to attend, are excused from the obligation of hearing Mass on Sunday.....	83.8
1101	Servile work is permitted to avoid a serious financial loss.....	81.8

Class 4 (Under 75 per cent)

1072	It is a venial sin to miss a small portion of the Sunday Mass through one's own fault.....	60.6
1096	The common daily housework of cooking, sweeping, and cleaning is permitted on Sunday.....	60.5
1080	Those engaged in some important work of charity are excused from the obligation of hearing Mass on Sunday.....	57.3
1073	One who comes after the uncovering of the chalice does not satisfy the precept of hearing Mass.....	53.9

The twenty truths pertaining to the third commandment, like those of the preceding, are equally distributed among the four groups. Students have not learned properly the conditions for attendance at Sunday Mass and for being excused from the obligation of hearing Mass. Six (1079, 1086, 1077, 1072, 1080, 1073) of the nine facts found in Classes 3 and 4 pertain to the obligation of hearing Mass on Sundays.

The Fourth CommandmentClass 1 (95 to 100 per cent)

1107	Children must honor their parents because God commands it.....	99.2
1108	Children must honor their parents because by honoring their parents they honor God, since parents hold the place of God.....	98.5
1110	Children honor their parents by paying them love.....	97.2
1112	Children honor their parents by paying them obedience.....	99.3
1113	Children show love for their parents by helping them..	97.5
1114	Children show love for their parents by praying for them.....	99.2
1115	Children reverence their parents by showing them respect as holding God's place.....	96.2

Class 1 (95 to 100 per cent)

1119	Children should obey by doing just as they are told...	95.5
1122	Children fail in love if they hate their parents.....	95.5
1123	Children fail in love if they curse their parents.....	97.7
1125	Children offend against reverence due to parents when they talk back to them.....	95.5
1128	Children offend against obedience when they refuse or neglect to do what they are told.....	97.2
1133	Younger children may disobey by associating with forbidden companions.....	97.6
1136	It is right and proper for children to consult their parents in regard to their marriage and other important steps in their life.....	98.7
1139	Pupils should respect and obey their teachers because they represent the parents and have their authority from them.....	97.1
1149	Parents are obliged to care for their children in soul by having them make their first confession and Communion when they come to the use of reason.....	98.6
1150	Parents are obliged to care for their children by seeing that they perform their religious duties faithfully.....	98.1
1151	Parents are obliged to care for their children by giving them a Catholic education.....	97.9
1152	Parents are obliged to care for their children by setting a good example.....	98.6
1153	Parents are obliged to care for their children by correcting their faults.....	98.1
1155	Parents are obliged to care for their children by shielding them against all immoral influences.....	97.3
1160	Besides our parents we must honor and obey all who have a right to command us.....	99.0
1172	We must obey the just civil laws.....	98.9
1176	We are bound to love our country and defend it against evilminded men who try to destroy it.....	97.9

Class 2 (90 to 94.9 per cent)

1126	Children offend against reverence due to parents when they refuse to accept the correction.....	92.6
1127	Children offend against reverence due to parents when they strike them.....	94.0
1129	Disobedience to parents in important matters may be a mortal sin.....	93.6
1130	Disobedience in small things is a venial sin.....	94.1
1140	The duty of parents is to love and care for their children in body and soul.....	94.4
1148	Parents are obliged to care for their children by making them acquire early the habit of saying their daily prayers.....	94.7

Class 1 (95 to 100 per cent)

1206	We give scandal by teaching another to sin.....	96.1
1207	Persons who injure their neighbor by scandal or in other ways must repair the evil as far as possible..	98.6
1209	It is lawful to take another's life in a just war.....	95.1
1210	It is lawful to take another's life in the execution of a criminal condemned by legitimate authority.....	97.0
1211	It is lawful to take another's life in necessary self-defense.....	97.5
1221	Suicide is always forbidden because life comes from God and belongs to him.....	99.7

Class 2 (90 to 94.9 per cent)

1187	The fifth commandment forbids anger.....	94.9
1189	The fifth commandment forbids fighting.....	94.9
1190	The fifth commandment forbids quarrelling.....	93.4
1191	The fifth commandment forbids abusive words.....	94.7
1198	We injure another's soul by scandal.....	90.2
1201	We give scandal by bad talk.....	90.4
1202	We give scandal by selling or circulating bad books and pictures.....	91.5
1203	We give scandal by dressing immodestly.....	94.4
1215	Lynching is a sin because private persons or a mob have no right to put anyone to death.....	91.5

Class 3 (75 to 89.9 per cent)

1223	We are bound to take reasonable care of our health....	88.6
1192	The fifth commandment forbids insults.....	82.9
1222	Christian burial is forbidden to those who take their own life, except when it is evident that the unfortunate person was not in his right mind.....	82.9
1186	The fifth commandment forbids all injury to the body and soul of another.....	78.5
1188	The fifth commandment forbids striking.....	75.1

Class 4 (Under 75 per cent)

1196	When the harm done or willed to another is serious, the sin is grievous.....	72.0
1200	Definition of the term "scandal".....	61.0

Students' knowledge of the twenty-six facts pertaining to the fifth commandment is relatively satisfactory. Nineteen of the facts show student mastery. The remaining seven facts have not been satisfactorily learned. Only 61 per cent of the students can define the term "scandal".

The Sixth and Ninth Commandments

Class 1 (95 to 100 per cent)

1238	An impure desire is the wish or intention to do something unchaste.....	95.3
1246	Bad companions and bad conversations should be avoided as occasions of the sin of impurity.....	97.5
1247	Immoral books, newspapers, and pictures should be avoided as occasions of the sin of impurity.....	98.9
1248	Indecent shows, dancing, and dress should be avoided as occasions of the sin of impurity.....	99.5
1249	Too free companionship with the other sex should be avoided as occasions of the sin of impurity.....	97.3
1251	To preserve our innocence we should avoid the occasions of sin.....	99.4
1252	To preserve our innocence we should choose only good companions.....	97.2
1254	To preserve our innocence we should have a tender devotion to the Blessed Virgin, and ask her daily to preserve our innocence.....	99.0
1255	To preserve our innocence we should frequently receive the sacraments.....	98.7

Class 2 (90 to 94.9 per cent)

1227	The sixth commandment forbids external actions violating chastity.....	90.2
1233	Every fully wilful unchaste desire is a mortal sin against purity.....	91.4
1235	Every lustful conversation is a mortal sin against purity.....	91.3
1236	Actions which are in accordance with the purpose of matrimony are permitted to persons married to each other.....	94.9
1243	Immoral conversation or the singing of immodest songs becomes grievous when it is of such a nature as to excite the sexual passions.....	94.3
1245	Curiosity to see and hear may be occasions of the sin of impurity.....	93.3
1256	To preserve our innocence we should call to mind often that God always sees us.....	94.3

Class 3 (75 to 89.9 per cent)

1234	Every wilful unchaste deed is a mortal sin against purity.....	89.5
1244	Reading indecent literature becomes grievous when it is of such a nature as to excite the sexual passions	87.8
1250	Intemperance and idleness are occasions of the sin of impurity.....	88.4

Class 3 (75 to 89.9 per cent)

1253	To preserve our innocence we should be very careful to guard our sight and other senses.....	88.7
1239	If one dallies or toys with a temptation against purity, he sins at least venially.....	83.7
1242	A person may sin venially against purity by giving only partial consent.....	82.5
1257	To preserve our innocence we should practice some penance and self-denial.....	82.2
1241	A person may sin venially against purity through negligence or slowness in rejecting a thought.....	75.3

Class 4 (Under 75 per cent)

1240	A person may sin venially against purity through lack of advertence or reflection.....	65.7
1232	Every fully wilful unchaste thought is a mortal sin against purity.....	64.1

There are twenty-six essentials pertaining to the sixth and ninth commandments, the same number as in the preceding commandment; but the knowledge students possess of these facts is slightly less satisfactory. Sixteen facts have been adequately learned. The remaining ten truths are as important as the sixteen, since they pertain to ways and means of avoiding the occasion of sin or of preserving one's innocence. These facts should be given more emphasis in the classroom.

Seventh and Tenth CommandmentsClass 1 (95 to 100 per cent)

1259	The seventh commandment forbids all unjust keeping of another's goods.....	98.6
1261	The seventh commandment forbids forgery.....	97.2
1262	The seventh commandment forbids cheating in buying or selling.....	99.1
1263	The seventh commandment forbids using false weights and measures.....	95.5
1264	The seventh commandment forbids overcharging.....	95.0
1265	The seventh commandment forbids making excessive profits.....	96.2
1271	Children do wrong by stealing from their parents or keeping back change.....	99.4

Class 1 (95 to 100 per cent)

1272	It is sinful to buy or receive stolen goods.....	99.0
1274	It is wrong to make debts beyond one's ability to pay.	97.1
1276	Bribery and the taking of bribes are forbidden.....	97.0
1282	A person must restore ill-gotten goods or their value to the owner.....	98.6
1288	One who wilfully damages another's property is bound to make good the loss.....	98.5
1297A	Employers must employ for their employees conditions that are safe for the body.....	96.2
1298	Employers must pay a living wage.....	98.2
1299	A living wage is one sufficient to support the employees and their families in decency and comfort.	96.1
1309	Strikes are permissible if necessary to obtain justice	97.6

Class 2 (90 to 94.9 per cent)

1260	The seventh commandment forbids all unjust damaging of another's goods.....	94.1
1266	The seventh commandment forbids passing bad coins.....	92.4
1283	If the owner of ill-gotten goods is dead restitution must be made to his heirs.....	94.1
1287	If the person has not the means to make immediate restitution, he must resolve to do so at the first opportunity.....	92.3
1305	Employees are bound to do an honest day's work and not to idle their time.....	92.8

Class 3 (75 to 89.9 per cent)

1267	The seventh commandment forbids adulterating goods....	89.8
1278	Stealing is a mortal or a venial sin according to the amount of injury done to the individual or society in general.....	89.9
1280	The taking of even one dollar or less from a very poor person may be a grievous sin.....	87.1
1297B	Employers must see that working conditions for their employees are safe for the soul.....	88.0
1273	It is a violation of justice to fail to keep an agreement or contract.....	81.8
1284	If the owner of ill-gotten goods is unknown or cannot be found, the property must be given to God by giving it to the poor.....	81.3
1292	When one finds an article of value he should strive to discover the owner, but if he cannot, he may keep it	83.9
1293	In extreme necessity one may take what is absolutely necessary, for the right to live is above property rights.....	83.7



Class 4 (Under 75 per cent)

1275	It is wrong not to pay debts when due.....	65.2
1290	Servants violate justice by pilfering or wasting their master's goods.....	61.7
1279	Stealing a day's wages from a person is usually grievous.....	35.2

The per cent of students answering correctly the questions pertaining to the seventh and tenth commandments is about the same as the per cent of students who know the facts pertaining to the sixth and ninth commandments. There are thirty-two essentials. Of these, twenty-one truths have been entered; the remaining thirteen facts require more study on the part of students. Most of these facts pertain to justice and honesty toward others.

The Eighth CommandmentClass 1 (95 to 100 per cent)

1312	The eighth commandment forbids lying.....	96.4
1314	The eighth commandment forbids uncharitable conversation.....	96.2
1318	A lie which injures another seriously is a grievous sin.....	96.7
1328	We are allowed to reveal another's faults when the person to whom we tell them has a right to know.....	96.1
1331	Serious faults of others may and should be made known to parents or teachers who may be able to correct them.....	99.2
1335	One who has injured another by detraction must try to repair the evil.....	98.3

Class 2 (90 to 94.9 per cent)

1313	The eighth commandment forbids detraction.....	93.6
1316	The eighth commandment forbids rash judgment.....	90.7
1327	Breaking promises is a mortal or venial sin according to the gravity of the matter.....	91.3
1333	It is wrong to listen to detraction and uncharitable conversation if we take pleasure in it or encourage it.....	92.4
1336	We must keep secret what would be detrimental to another if made known.....	92.8

Class 3 (75 to 89.9 per cent)

1332	Tale-bearing is a mortal sin or a venial sin according to the injury done.....	80.4
1339	Young people should not conceal from parents, teachers, or superiors what these have a right to know.....	84.8
1317	Definition of the term "a lie".....	78.8
1323	Definition of the term "uncharitable conversation"....	76.3
1334	One who has injured another by slander must take back what he said.....	77.5

Class 4 (Under 75 per cent)

1315	The eighth commandment forbids rash judgments.....	73.9
1329	We are allowed to reveal another's faults when it is for the good of the guilty person.?	61.4
1337	We must keep secret what is told in confidence.....	60.5
1324	Definition of the term "rash judgment".....	56.3
1330	We are allowed to reveal another's faults when it is necessary to protect ourselves or others from evil..	52.2
1321	Definition of the term "detraction".....	36.8
1320	Definition of the term "calumny".....	27.3

On the twenty-three essentials pertaining to the eighth commandment, students show a wider divergency and a lower per cent of knowledge than on the facts applying to the preceding commandments. This may be due to the number of terms they were required to define. One is inclined to think that students do not know sufficiently well the meaning of terms. This has been estimated in the analysis of the results on the test items pertaining to the second commandment. The students cannot define satisfactorily the five terms in Classes 3 and 4.

The Commandments of the ChurchClass 1 (95 to 100 per cent)

1353	One of the six commandments of the Church is to observe the laws laid down for marriage.....	95.4
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Class 2 (90 to 94.9 per cent)

1346	The Church has the right to punish disobedience by excommunication.....	93.2
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Class 3 (75 to 89.9 per cent)

1332	Tale-bearing is a mortal sin or a venial sin according to the injury done.....	80.4
1339	Young people should not conceal from parents, teachers, or superiors what these have a right to know.....	84.8
1317	Definition of the term "a lie".....	78.8
1323	Definition of the term "uncharitable conversation"....	76.3
1334	One who has injured another by slander must take back what he said.....	77.5

Class 4 (Under 75 per cent)

1315	The eighth commandment forbids rash judgments.....	73.9
1329	We are allowed to reveal another's faults when it is for the good of the guilty person.,.....	61.4
1337	We must keep secret what is told in confidence.....	60.5
1324	Definition of the term "rash judgment".....	56.3
1330	We are allowed to reveal another's faults when it is necessary to protect ourselves or others from evil..	52.2
1321	Definition of the term "detraction".....	36.8
1320	Definition of the term "calumny".....	27.3

On the twenty-three essentials pertaining to the eighth commandment, students show a wider divergency and a lower per cent of knowledge than on the facts applying to the preceding commandments. This may be due to the number of terms they were required to define. One is inclined to think that students do not know sufficiently well the meaning of terms. This has been estimated in the analysis of the results on the test items pertaining to the second commandment. The students cannot define satisfactorily the five terms in Classes 3 and 4.

The Commandments of the Church

Class 1 (95 to 100 per cent)

1353	One of the six commandments of the Church is to observe the laws laid down for marriage.....	95.4
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Class 2 (90 to 94.9 per cent)

1346	The Church has the right to punish disobedience by excommunication.....	93.2
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Class 2 (90 to 94.9 per cent)

1349	One of the six commandments of the Church is to fast and abstain on the days appointed.....	92.1
1351	One of the six commandments of the Church is to receive the Holy Eucharist during Easter time.....	94.7
1352	One of the six commandments of the Church is to contribute to the support of our pastors.....	93.7

Class 3 (75 to 89.9 per cent)

1343	Jesus Christ gave the Church the right to make laws for its members.....	87.5
1344	The Church's authority to make laws includes the authority to enforce them.....	82.5
1345	The Church has the right to punish disobedience by refusing to members the sacraments.....	79.6

Class 4 (Under 75 per cent)

1348	One of the six commandments of the Church is to hear Mass on Sundays and holy days of obligation.....	58.1
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There are nine essentials pertaining to the commandments of the Church.

More than 90 per cent of the students can identify five commandments of the Church, but only 58 per cent know that the obligation to hear Mass on Sunday and holydays is a commandment of the Church. This large percentage of failure on Essential 1348, may be due to a confusion with the third commandment of God; hence, clarification is needed. The three essentials (1343, 1344, 1345) referring to the authority of the Church are facts of importance and require more study. A comparison of the data on these items with those of a similar nature listed under the ninth article of the creed, points to a necessity of more emphasis in the teaching of facts pertaining to the authority and power of the Church and to the source from which this power is derived. These truths have a peculiar significance in the present day.

## First Commandment of the Church

### Class 1 (95 to 100 per cent)

1354 Holydays are to be kept as Sundays..... 97.8

The only minimum essential pertaining to the first commandment of the Church has been learned perfectly.

## Second Commandment of the Church

### Class 1 (95 to 100 per cent)

1363 All Fridays of the year are observed as days of abstinence in the United States..... 99.0

1376 Persons who are sick or convalescent are exempt from the law of abstinence..... 98.9

1394 The sick and convalescent are exempt from the law of fasting..... 97.8

### Class 2 (90 to 94.9 per cent)

1364 The Wednesdays of Lent, except the Wednesday of Holy Week, are days of abstinence in the United States.... 91.0

1389 All the days of Lent, except the Sundays, are fast days 93.1

### Class 3 (75 to 89.9 per cent)

1360 Definition of the term "abstinence"..... 89.4

1383 The law of fasting prescribes that only one full meal may be taken in a day..... 85.1

1365 Abstinence must be observed on the forenoon of Holy Saturday..... 80.5

1405 The Church prescribes fast and abstinence that we may do penance for our sins..... 81.3

1366 The ember days are days of abstinence generally observed in the United States..... 77.6

### Class 4 (Under 75 per cent)

1393 All are bound by the law of fasting from the age of twenty-one to fifty-nine years unless legitimately excused..... 72.7

1362 On abstinence days, lard and fat of any animal may be used in cooking, or as a seasoning or flavoring in the preparation of foods..... 60.0

1388 Meat is never allowed more than once a day to anyone who is fasting..... 62.8

10

Class 4 (Under 75 per cent)

- |      |  |      |
|------|--|------|
| 1377 | Those who are too poor to obtain lawful foods are exempt from the law of abstinence..... | 55.9 |
| 1375 | Catholics who have completed their seventh year are obliged to abstain.....              | 54.1 |

Listed under the second commandment of the Church are fifteen facts pertaining to fasting and abstinence. Five of these facts have been adequately learned. The remaining ten facts have not been learned by some of the students; the exact per cent of students who know these facts is indicated in the outline. The data indicate that students can make no clear distinction between the terms "fasting" and abstinence".

Third Commandment of the Church

Class 3 (75 to 89.9 per cent)

- |      |   |      |
|------|---|------|
| 1413 | We are bound to make a confession of our sins at least once a year..... | 88.8 |
|------|---|------|

Class 4 (Under 75 per cent)

- |      |   |      |
|------|---|------|
| 1414 | All who have come to the use of reason are bound by the precept of the yearly confession..... | 57.3 |
|------|---|------|

The two facts pertaining to the precept of yearly confession have not been satisfactorily learned.

Fourth Commandment of the Church

Class 1 (95 to 100 per cent)

- |      |   |      |
|------|---|------|
| 1416 | We are obliged under pain of mortal sin to receive the Holy Eucharist at Easter time..... | 99.1 |
|------|---|------|

Class 3 (75 to 89.9 per cent)

- |      |   |      |
|------|---|------|
| 1418 | Those who have come to the use of reason are bound to receive the Easter Communion..... | 82.8 |
|------|---|------|

Class 4 (Under 75 per cent)

- 1417 In the United States the Easter Communion time begins with the first Sunday of Lent and ends on Trinity Sunday..... 70.9

One of the facts pertaining to the Easter Communion is known perfectly; knowledge of the remaining two facts is unsatisfactory.

Fifth Commandment of the Church

Class 1 (95 to 100 per cent)

- 1421 All are obliged to contribute to the support of the Church according to their means..... 97.4

Students know perfectly the only minimum essential pertaining to the fifth commandment of the Church.

Sixth Commandment of the Church

Class 2 (90 to 94.9 per cent)

- 1422 A Catholic marriage ceremony to be valid must be performed before an authorized priest and two witnesses..... 92.2

Only 8 per cent of the students do not answer correctly the only test question referring to the sixth commandment of the Church.

Vice and Special Sin

Class 1 (95 to 100 per cent)

- 1447 One who eats to excess is guilty of gluttony..... 97.6  
1449 To get drunk wilfully is a grievous sin..... 97.2  
1471 We may share in another's sin by counsel, when we advise him to do wrong..... 97.4  
1472 We may share in another's sin by command, when we force him to do wrong..... 95.4  
1473 We may share in another's sin by consent, when we permit one under our control to do wrong..... 96.3  
1474 We may share in another's sin by provocation when we anger or incite one to sin..... 98.5  
1475 We may share in another's sin by praise or flattery, when we encourage him to sin..... 97.6

Class 1 (95 to 100 per cent)

1477	We may share in another's sin by connivance or concealment, when we shield the evildoer, receive stolen goods, or fail to punish the guilty who are subject to us.....	99.2
1478	We may share in another's sin by partaking, when we help or assist another to do evil.....	99.5

Class 2 (90 to 94.9 per cent)

1425	Covetousness is one of the seven deadly sins.....	93.6
1433	Definition of the term "pride".....	93.0
1444	A person sins by anger when he flies into a rage at any person or thing.....	93.1
1476	We may share in another's sin by silence, when we do not speak against the evil which it is our duty to remove, or when we keep it from the knowledge of superiors who could prevent it.....	94.2
1479	We may share in another's sin by defense of the evil done, when we praise or justify it.....	94.7

Class 3 (75 to 89.9 per cent)

1463	One who knows the Catholic religion to be true, and yet refuses to embrace it, resists the known Christian truth.....	89.5
1424	Pride is one of the seven deadly sins.....	84.0
1440	Definition of the term "lust".....	76.7
1452	One sins by sloth when through laziness he neglects his duties, spiritual or temporal.....	77.1

Class 4 (Under 75 per cent)

1443	A person sins by anger when he loses his temper.....	59.9
1445	A person sins by anger when he desires revenge.....	44.1

The twelfth-grade students have learned reasonably well the facts referring to vice and special sin. The data on fourteen of the questions point to student mastery. The six essentials in Classes 3 and 4 should be studied more thoroughly.



## Summary

1. Of the 369 essentials under the Commandments 135 show student mastery, 81 have been learned by all students except a small minority, 98 indicate unsatisfactory knowledge, and 55 essentials have been definitely neglected.

2. Fifty per cent or more of the essentials under the following topics have not been learned satisfactorily:

Commandments in General  
The Second Commandment  
The Third Commandment  
The Fourth Commandment

3. Individual guidance or group instructions should be provided for those students who have not learned the 98 facts in Class 3.

4. More intensive study in the classroom should be devoted to the essentials included in Class 4.

5. The data under the Second and Eighth Commandments show a high percentage of failure on essentials requiring definition of terms. It seems reasonable to conclude that more attention be given to the explanation of terms and to the memorizing of essential definitions after the proper understanding of terms.

6. The data presented under Commandments of the Church and under the Ninth Article of the Creed in the preceding chapter point to a neglect in the teaching of those facts which pertain to the organization and to the authority of the Church.

## CHAPTER VII

### KNOWLEDGE OF TWELFTH-GRADE STUDENTS--THE MEANS OF GRACE

The present chapter presents a continuation of the discussion of the scores made by the twelfth-grade students. Chapter V analyzed data on the essentials pertaining to the Apostles' Creed, Chapter VI analyzed the result on the test questions applying to the Commandments, and this chapter will discuss, according to the same plan, the scores of twelfth-grade students, in terms of percentages of correct answers on the test questions pertaining to the Means of Grace.

On the table that follows the individual test questions are presented and grouped in 5 per cent advances or intervals. Section 1 includes those essentials which 95.0 per cent or more of the students know; in other words, those essentials which have been learned perfectly. Section 2 comprises those essentials which 90.0 to 94.9 per cent of the students have learned. Section 3 includes those which 85.0 to 89.9 per cent know, and so on. To identify the essentials reference may be made to Table VI in Chapter IV, pages 41 to 82, for the number of the form of the test, the type of test question, and the test item number. For a complete statement, the reader should then turn to the set of tests in Appendix III, page 302.

TABLE IX -- PERCENTAGES OF CORRECT AND INCORRECT ANSWERS OF  
TWELFTH-GRADE STUDENTS ON THE TEST QUESTIONS FOR THE MEANS OF GRACE

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Section 1. 95.0 per cent or more of the students know these facts.				
Grace	1498	96.99	3.01	2
	1525	95.46	4.54	
Prayer	1537	97.05	2.95	2
	1550	95.17	4.83	
Sacraments in General	1553	98.61	1.39	9
	1562	98.94	1.06	
	1563	98.49	1.51	
	1564	98.60	1.40	
	1565	97.80	2.20	
	1566	98.49	1.51	
	1567	98.26	1.34	
	1568	97.69	2.31	
	1587	95.28	4.72	
Baptism	1608	95.75	4.25	7
	1621	99.40	.60	
	1624	98.77	1.23	
	1634	97.83	2.17	
	1638	98.80	1.20	
	1643	96.56	3.44	
	1652	98.69	1.31	
Confirmation	1664	96.60	3.40	1
The Holy Eucharist	1708	98.49	1.51	
	1718	97.33	2.67	
	1728	99.16	.84	
	1729A	99.46	.54	
	1729B	98.69	1.31	
	1732	95.76	4.34	
	1733	97.25	2.75	
	1734	96.05	3.95	
	1743	95.05	4.95	
	1744	98.26	1.74	
	1745	98.40	1.60	
	1751	98.03	1.97	
	1765	97.12	2.88	
	1773	97.83	1.97	

TABLE IX (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Holy Eucharist	1776	99.44	.56	15
Holy Sacrifice of the Mass	1782	96.10	3.90	
	1793	98.71	1.29	
	1795	97.55	4.45	
	1810	98.78	1.22	4
Penance	1827	95.17	4.83	
	1845	95.82	4.18	
	1849	98.26	1.74	
	1855	97.14	2.86	
	1859	98.79	1.21	
	1861	99.11	.89	
	1863	99.00	1.00	
	1866	96.77	4.23	
	1867	97.81	2.19	
	1881	98.40	1.60	
	1895	98.83	1.17	
	1898	98.79	1.21	
	1906	96.33	3.67	
	1913	98.94	1.06	
	1914	95.68	4.32	
	1920	97.60	2.40	
	1932	98.94	1.06	17
Extreme Unction	1998	95.04	4.96	
	2002	95.04	4.96	
	2008	97.11	2.89	3
Holy Orders	2031	98.46	1.54	
	2065	95.60	4.40	2
Matrimony	2086	99.33	.67	
	2092	95.15	4.85	
	2094	98.60	1.30	
	2102	95.94	4.06	
	2108	99.44	.56	
	2112	95.99	4.01	
	2123	99.60	.40	
	2125	95.28	4.72	
	2133	95.99	4.01	
	2156	98.15	1.05	10
Sacramentals	2162	96.98	3.02	
	2163	96.98	3.02	2

TABLE IX (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Section 2. 90.0 to 94.9 per cent of the students know these facts.				
Grace	1496	91.56	8.44	
	1499	90.94	9.06	
	1516	94.64	5.36	3
Prayer	1530	94.19	5.81	
	1538	93.72	6.28	
	1543	91.23	8.77	
	1549	94.82	5.18	4
Sacraments in General	1555	93.60	6.40	
	1570	91.59	8.41	2
Baptism	1609	94.85	5.15	1
Confirmation	1658	94.69	5.31	
	1670	93.64	6.36	2
Holy Eucharist	1712	90.00	10.00	
	1726A	92.88	7.12	
	1726B	92.98	7.02	
	1735	94.62	5.38	4
Penance	1835	94.57	5.43	
	1842	93.09	6.91	
	1847	92.12	7.88	
	1850	94.95	5.05	
	1865	94.82	5.18	
	1886	91.78	8.22	
	1894	93.23	6.77	
	1910	92.69	7.31	
	1915	92.77	7.23	9
Indulgences	1969	93.38	6.62	
	1973	93.74	6.26	2
Extreme Unction	2009	90.19	9.81	
	2023	93.84	6.16	
	2025	92.11	7.89	3
Matrimony	2099	92.06	7.94	
	2100	90.51	9.49	
	2104	94.30	5.70	
	2115	93.49	6.51	

TABLE IX (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
Matrimony	2118	94.10	5.90	7
	2132	94.23	5.77	
	2134	94.60	5.40	
Sacramentals	2157	93.31	6.69	2
	2170A	92.13	7.87	
				39
Section 3. 85.0 to 89.9 per cent of the students know these facts.				
Grace	1480	88.26	11.74	2
	1493	87.92	12.08	
The Sacraments in General	1552	89.93	10.07	2
	1578	88.46	11.54	
Baptism	1610	87.13	12.87	3
	1632	88.28	11.72	
	1650	85.31	14.69	
The Holy Eucharist	1717	87.35	12.65	3
	1742	85.08	14.92	
	1750	88.59	11.41	
Holy Sacrifice of the Mass	1788	85.11	14.89	1
Penance	1832	89.91	10.09	4
	1882	87.19	12.81	
	1907	88.41	11.59	
	1938	89.52	10.48	
Extreme Unction	2026	89.85	10.15	1
Matrimony	2095	89.46	10.54	6
	2101	88.25	11.75	
	2110	85.05	14.95	
	2114	86.33	13.67	
	2131	88.60	11.40	
	2150	87.59	12.41	
Sacramentals	2164	87.59	12.41	4
	2166	85.44	14.56	
	2168	88.08	11.92	
	2169	88.17	11.83	
				26

TABLE IX. (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
<u>Section 4.</u> 80.0 to 84.9 per cent of the students know these facts.				
Grace	1515	82.98	17.02	1
Prayer	1536	84.17	15.83	1
Sacraments in General	1606	84.97	15.03	1
Baptism	1611	80.31	19.69	2
	1627	82.69	17.31	
The Holy Eucharist	1707	82.97	17.03	1
Holy Sacrifice of the Mass	1787	84.81	15.19	2
	1794	83.79	16.21	
Penance	1829	81.53	18.47	4
	1856	84.97	15.03	
	1857	83.72	16.28	
	1912	83.80	16.20	
Indulgences	1957	82.97	17.03	1
Extreme Unction	2013	81.94	18.06	1
Matrimony	2113	80.39	19.61	1
				15
<u>Section 5.</u> 75.0 to 79.9 per cent of the students know these facts.				
Baptism	1617	76.09	23.91	1
The Holy Eucharist	1752	77.24	22.76	1
Penance	1854	79.80	20.20	4
	1879	79.09	20.91	
	1888	76.76	23.24	
	1909	78.65	21.35	
Indulgences	1950	76.88	23.12	1
Matrimony	2149	75.55	24.45	1
Sacramentals	2167	79.27	20.73	1
				9

TABLE IX (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
<u>Section 6.</u> 70.0 to 74.9 per cent of the students know these facts.				
Sacraments in General	1569	71.99	28.01	1
Baptism	1631	72.56	27.44	2
	1639	70.02	29.98	
Penance	1862	74.72	25.28	2
	1926	70.97	29.03	
Indulgences	1954	70.78	29.22	2
	1962	71.23	28.77	
Matrimony	2096	71.45	28.55	2
	2119	71.98	28.02	
				<hr/> 9
<u>Section 7.</u> 65.0 to 69.9 per cent of the students know these facts.				
The Holy Eucharist	1719	68.29	31.71	3
	1730	69.45	31.55	
	1731	67.49	32.51	
Penance	1858	69.86	30.14	2
	1880	69.85	30.15	
				<hr/> 5
<u>Section 8.</u> 60.0 to 65.9 per cent of the students know these facts.				
Prayer	1542	64.94	35.06	1
Sacraments in General	1596	61.49	38.51	1
Extreme Unction	2007	60.11	39.89	1
Matrimony	2130	64.95	35.05	1
Sacramentals	2170B	61.13	38.87	1
				<hr/> 5



TABLE IX (CONTINUED)

TOPIC	TEST ITEM	CORRECT	INCORRECT	TOTAL ITEMS
<u>Section 9.</u> 55.0 to 59.9 per cent of the students know these facts.				
Grace	1491	57.76	42.24	1
Penance	1851B	57.22	42.78	
	1876	56.86	43.14	
	1917	59.88	40.12	3
				4
<u>Section 10.</u> 50.0 to 54.9 per cent of the students know these facts.				
The Holy Orders	2084	50.54	49.46	1
				1
<u>Section 11.</u> 45.0 to 49.9 per cent of the students know these facts.				
Penance	1884	47.14	52.86	
	1905	47.69	52.31	2
				2
<u>Section 12.</u> 40.0 to 44.9 per cent of the students know these facts.				
The Holy Eucharist	1720	42.77	57.23	1
Penance	1836	42.25	57.75	1
				2
<u>Section 13.</u> 35.0 to 39.9 per cent of the students know these facts.				
Grace	1487	38.23	61.77	
	1517	39.89	60.11	2
Penance	1830	37.88	62.12	1
				3
<u>Section 14.</u> 30.0 to 34.9 per cent of the students know these facts.				
Confirmation	1672	33.51	66.49	1

In the discussion that follows the essentials have been divided into four classes. Class 1 includes the essentials that the twelfth-grade students have learned perfectly; Class 2 comprises all those essentials which a small minority of students have not learned; Class 3 includes the essentials which have not been learned satisfactorily; and Class 4 includes those which have been definitely neglected. A complete explanation for this arbitrary division of essentials into four classes has been given in detail in Chapter V.

The data on the test questions for the twelfth-grade students referring to the third major division of subject matter, the Means of Grace, will be analyzed and discussed by topics in the same way as the two preceding divisions in Chapters V and VI.

### Grace

#### Class 1 (95 to 100 per cent)

1498	An act of perfect charity will always restore the sinner to the state of grace.....	96.9
1525	God gives all men sufficient grace to be saved.....	95.4

#### Class 2 (90 to 94.9 per cent)

1496	The grace received in baptism is destroyed only by grievous sin.....	91.5
1499	Sanctifying grace is preserved and increased in the soul by all good works, especially by prayer.....	90.9
1516	The reception of the sacraments is one of the two principal means of obtaining grace.....	94.6

#### Class 3 (75 to 89.9 per cent)

1480	Sanctifying grace is a supernatural quality added to the soul.....	88.2
1493	Sanctifying grace is first received in the baptism of water.....	87.9
1515	Prayer is one of the two principal means of obtaining grace.....	82.9

Class 4 (Under 75 per cent)

1491	Sanctifying grace is the most necessary of God's gifts	57.7
1487	Sanctifying grace takes away all sins, original or actual.....	38.2
1517	Definition of the term "actual grace".....	39.8
1513	One loses all his past merits when through mortal sin he forfeits sanctifying grace.....	18.4

The test contains twelve questions on the subject of grace. The information possessed by the students on seven of the questions is decidedly unsatisfactory. Only 58 per cent know that sanctifying grace is the most necessary of God's gifts; only 40 per cent can define the term "actual grace"

In the seventh grade 34 per cent know that sanctifying grace takes away all sins, original and actual, and in the twelfth grade only 38 per cent know this fact--a growth of 4 per cent over a period of five years. That a person loses all past merits when through mortal sin he forfeits sanctifying grace is a fact known by 23 per cent of the students in the seventh grade and by only 18 per cent in the twelfth grade. These facts have in truth been neglected.

The data point to the conclusion that instructions on such topics as grace and the attributes of God should be reviewed from time to time. Two reasons may be alleged: (1) As the child approaches maturity he is better able to grasp the meaning of these truths; and (2) relearning is an aid to remembering.

Prayer

Class 1 (95 to 100 per cent)

1537	God will always hearken to our prayers, provided we pray as we should.....	97.0
1550	We may pray for temporal favors.....	95.1

Class 2 (90 to 94.9 per cent)

1530	Definition of the term "prayer".....	94.1
1538	We should pray with faith and confidence.....	93.7
1543	We should pray with perseverance.....	91.2
1549	We may pray for spiritual favors.....	94.8

Class 3 (75 to 89.9 per cent)

1536	Prayer is necessary for without it we shall not receive the graces necessary for perseverance.....	84.1
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Class 4 (Under 75 per cent)

1542	We should pray for resignation to God's will.....	64.9
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Knowledge on the facts pertaining to prayer is more satisfactory. However, the two facts, "Prayer is necessary for the grace of perseverance" and "We should pray with resignation to God's will" should be given more attention in religious instruction.

Sacraments in GeneralClass 1 (95 to 100 per cent)

1553	A sacrament is instituted by Christ.....	98.6
1562	Baptism is one of the seven sacraments.....	98.9
1563	Confirmation is one of the seven sacraments.....	98.4
1564	The Holy Eucharist is one of the seven sacraments.....	98.6
1565	Penance is one of the seven sacraments.....	97.8
1566	Extreme Unction is one of the seven sacraments.....	98.4
1567	Holy Orders is one of the seven sacraments.....	98.2
1568	Matrimony is one of the seven sacraments.....	97.6
1587	Knowingly to receive a sacrament of the living in the state of mortal sin is a sacrilege.....	95.2

Class 2 (90 to 94.9 per cent)

1555	Sacraments confer grace.....	93.6
1570	Penance is one of the sacraments that puts sinners in the state of grace.....	91.5

Class 3 (75 to 89.9 per cent)

1552	A sacrament is a visible sign.....	89.9
1578	The better prepared the recipient of a sacrament is, the more graces he will receive.....	88.4

Class 3 (75 to 89.9 per cent)

1606	The Catholic Church has kept the seven sacraments instituted by Christ.....	84.9
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Class 4 (Under 75 per cent)

1569	Baptism is one of the sacraments that puts sinners into the state of grace.....	71.9
1596	If one has received a sacrament unworthily but validly, he must make a good confession.....	61.4

Only five of sixteen facts concerning the sacraments in general have been satisfactorily learned. Fifteen per cent of the students do not know that the Church has kept the seven sacraments instituted by Christ. It is also evident that some students do not associate the sacrament of baptism with the forgiveness of personal sin and the infusion of sanctifying grace, but rather with the taking away of original sin. The data on Essentials 156 and 1617 (baptism) substantiate this conclusion.

Baptism

Class 1 (95 to 100 per cent)

1608	Baptism cleanses us from original sin.....	95.7
1621	Baptism consists in the ablution with water together with the pronouncing of the words: I baptize thee in the name of the Father, and of the Son, and of the Holy Ghost.....	99.4
1624	Baptism is the first sacrament to be received.....	98.7
1634	In lay baptism any natural water may be used.....	97.8
1638	The ordinary way of baptizing is to pour the water on the head.....	98.8
1643	In case of necessity any man, woman, or child, even a Protestant, Jew, or pagan, may baptize.....	96.5
1652	The sponsor must provide if necessary for the religious education of his spiritual child.....	98.6

Class 2 (90 to 94.9 per cent)

1609	Baptism makes us Christians.....	94.8
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Class 3 (75 to 89.9 per cent)

1610	Baptism makes us children of God.....	87.1
1632	One can be saved by the baptism of blood.....	88.2
1650	A sponsor must be a good, practical Catholic.....	85.3
1611	Baptism makes us heirs of heaven.....	80.3
1627	Unbaptized infants are not condemned to hell, but live in a place of natural happiness, called the limbo of the children.....	82.6
1617	Baptism remits all sin, original as well as actual....	76.0

Class 4 (Under 75 per cent)

1631	One can be saved by the baptism of desire.....	72.5
1639	In case of emergency water may be poured on any part of the body if the head is inaccessible.....	70.0
1640	The person baptizing should see that the water flows on the skin.....	23.0

Students have learned eight of the seventeen facts pertaining to the sacrament of baptism practically perfect. The remaining facts are basically as important as those which the students have learned well, and apparently seem no more difficult. One can only conclude that the facts which have not been learned have not been studied. There seems to be a better understanding of the "baptism of blood" than of the "baptism of desire". To the question on the former 88 per cent of the students respond correctly and to the latter only 73 per cent.

ConfirmationClass 1 (95 to 100 per cent)

1664	The bishop is the ordinary minister of the sacrament of confirmation.....	96.6
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Class 2 (90 to 94.9 per cent)

1658	Definition of the sacrament of confirmation.....	94.6
1670	One who is confirmed should be in the state of grace, and if he has come to the age of reason, he should be sufficiently instructed.....	93.6

Class 4 (Under 75 per cent)

- 1672 Confirmation confers so many graces that it would be  
sinful to neglect it when one has the opportunity of  
receiving it..... 33.5

The test contains only four questions applying to the sacrament of confirmation. Students display a satisfactory knowledge of three of these facts. Only 33 per cent of the students know that "it is sinful to neglect receiving confirmation because it confers many graces".

The Holy EucharistClass 1 (95 to 100 per cent)

- 1708 The Sacrament of the Holy Eucharist is also known as  
Holy Communion..... 98.4
- 1718 The reception of the Holy Eucharist increases sanctifying  
grace for the nourishment of the soul..... 97.3
- 1728 Jesus gave His priests power to change bread and wine  
into His body and blood at the Last Supper, when He  
said: "Do this for a commemoration of Me."..... 99.1
- 1729A In the Mass bread and wine are changed into the body  
and blood of Jesus Christ..... 99.1
- 1729B The priest when pronouncing the words of consecration  
changes the bread and wine into the body and blood  
of Jesus Christ..... 98.6
- 1732 Christ's body and blood are present in the consecrated  
species as long as the appearances of bread and wine  
remain..... 95.7
- 1733 Christ is in the Eucharist whole and entire..... 97.2
- 1734 Christ is in the Eucharist body and blood..... 96.0
- 1743 It is sufficient to receive Communion under the form  
of bread, for Christ is present whole and entire  
under each form..... 95.0
- 1744 It is a grievous sacrilege to receive Holy Communion  
if we know we are in mortal sin..... 98.2
- 1745 One is not required to go to confession before each  
Communion, but only when he is conscious of mortal  
sin..... 98.4
- 1751 Before Communion one must be fasting since midnight... 98.0
- 1765 Those not fasting may receive Communion in danger of  
death from illness..... 97.1
- 1773 One should spend the time after Communion in ardent  
acts of love, thanksgiving, and petition..... 97.8
- 1776 The obligation of receiving Communion begins for children  
when they have come to the use of reason and  
are properly prepared..... 99.4

Class 2 (90 to 94.9 per cent)

1712	The sacrament of the Holy Eucharist is also known as the Blessed Sacrament.....	90.0
1726A	When Christ said, "This is My body," the substance of the bread was changed into the substance of Christ's body.....	92.8
1726B	When Christ said, "This is My blood," the substance of the wine was changed into the substance of Christ's blood.....	92.9
1735	Christ is in the Eucharist soul and divinity.....	94.6

Class 3 (75 to 89.9 per cent)

1717	The reception of the Eucharist unites our body and soul with those of Christ in an intimate union of love.....	87.3
1742	Holy Communion is the reception of the body and blood of Jesus Christ in the Blessed Eucharist.....	85.0
1750	Venial sins should not keep us from Holy Communion....	88.5
1707	Definition of "the Holy Eucharist".....	82.9
1752	The Communion fast requires that one should take nothing in the way of food and drink, not even medicine.....	77.2

Class 4 (Under 75 per cent)

1719	The reception of the Holy Eucharist cleanses from venial and preserves us from mortal sin.....	68.2
1730	After the consecration there is no longer bread and wine upon the altar.....	69.4
1731	After the consecration the appearances of the bread still remain.....	67.4
1720	The reception of the Holy Eucharist weakens our evil inclinations.....	42.7

It is pleasing to note that the students know well nineteen of the twenty-eight facts pertaining to the Holy Eucharist. However, the remaining nine truths have not been satisfactorily learned. These neglected facts should be given more emphasis in the classroom.

The Sacrifice of the MassClass 1 (95 to 100 per cent)

1782	Definition of "The Mass".....	96.1
1793	The offertory, the consecration, and the priest's Communion are called the principal parts of the Mass....	98.7



Class 1 (95 to 100 per cent)

1795	Christ gave the power of saying Mass only to priests..	*97.5
1810	On account of the dignity of Christ, who offers Himself in the sacrifice, the value of the Mass is infinite.....	98.7

Class 3 (75 to 89.9 per cent)

1788	In the sacrifice of the Mass and that of the cross we have the same High Priest who offers the sacrifice and the same Victim who is immolated; that is Jesus Christ, our Lord.....	85.1
1787	The Mass is the same sacrifice that was offered on Calvary.....	84.8
1794	The sacrifice of the Mass was instituted at the Last Supper.....	83.7

The students know perfectly four of the seven facts concerning the sacrifice of the Mass. Fifteen per cent of the students do not know that the Mass is the same sacrifice that was offered on Calvary and that in both sacrifices Christ is the Victim immolated and the High Priest who offers the sacrifice. And 16 per cent do not know when our Divine Savior instituted the Mass.

Penance

Class 1 (95 to 100 per cent)

1827	Definition of the sacrament of penance.....	95.1
1845	All sins committed after baptism can be forgiven in the sacrament of penance.....	95.8
1849	The sacrament of penance is necessary in fact or desire for all who have committed mortal sin after baptism.....	98.2
1855	To receive the sacrament of penance worthily we must be sorry for our sins.....	97.1
1859	We examine our conscience by calling mind the sins we have committed since our last good confession.....	98.7
1861	In examining our conscience it will be a help to consider the commandments of God and the Church.....	99.1
1863	In examining our conscience it will be a help to consider the different ways in which we have offended God in thought, desire, word, deed, or omission.....	99.0
1866	Definition of the term "contrition".....	96.7

Class 1 (95 to 100 per cent)

1867	Unless we are sorry for our sins we cannot obtain pardon for them.....	97.8
1881	Contrition is perfect when it proceeds from the love of God.....	98.4
1895	One who will not give up the occasion of sin is not truly sorry for it.....	98.8
1898	Definition of the term "confession".....	98.7
1906	In confessing a mortal sin we must tell the exact nature of it.....	96.3
1913	A confession in which one wilfully conceals a mortal sin must be repeated.....	98.9
1914	If a penitent without fault forgets a grievous sin, this sin is forgiven if he is duly sorry for it, but it must be told in the next confession.....	95.6
1920	If one overhears what is being said in the confessional, he is bound to secrecy.....	97.6
1932	After leaving the confessional it is well to perform our penance at once if possible.....	98.9

Class 2 (90 to 94.9 per cent)

1835	Sanctifying grace is restored to the soul in mortal sin on the reception of the sacrament of penance....	94.5
1842	One who is in danger of death can be absolved by any priest.....	93.0
1847	A Catholic who marries before a Protestant minister is excommunicated and cannot be absolved except by a priest who has special faculties to do so.....	92.1
1865	One who omits a mortal sin through gross negligence in examining his conscience makes an unworthy confession	94.8
1886	An act of perfect contrition with at least the implicit intention of going to confession takes away sin immediately, although the obligation of confession of the sin still remains.....	91.7
1894	By proximate occasions of sin we means such persons, places, or things as will very probably lead us into sin unless we keep away from them.....	93.2
1910	A person must tell not only the kind and nature of a mortal sin he has committed, but also how many times he has been guilty of the sin.....	92.6
1915	One is not obliged to confess venial sins, but it is good and profitable to do so.....	92.7

Class 3 (75 to 89.9 per cent)

1832	Ordinarily a penitent cannot perform properly the essential acts without a careful examination of conscience.....	89.9
1882	Definition of the term "imperfect contrition".....	87.1

Class 3 (75 to 89.9 per cent)

1907	It is necessary to state whether a mortal sin was one of thought, desire, word, or action, as each of these is a different kind of sin.....	88.4
1938	The punishment of mortal sin hereafter is the eternal torment of hell.....	89.5
1829	Contrition is one of the essential acts of the penitent	81.5
1856	To receive the sacrament of penance worthily we must resolve to sin no more.....	84.9
1857	To receive the sacrament of penance worthily we must confess our sins.....	83.7
1912	It is a grievous offense wilfully to conceal a mortal sin in confession.....	83.8
1854	To receive the sacrament of penance worthily we must examine our conscience.....	79.8
1879	Contrition is to be judged not so much by the feelings as by the firmness of will.....	79.0
1888	Definition of "purpose of amendment".....	76.7
1909	Only those circumstances need be told in the confessional that make a sin mortal instead of venial.....	78.6

Class 4 (Under 75 per cent)

1862	In examining our conscience it will be helpful to consider the duties of our state of life.....	74.7
1926	Those who are in mortal sin are obliged to confess when in danger of death.....	70.9
1858	To receive the sacrament of penance worthily we must perform the penance enjoined.....	69.8
1880	Our act of contrition should precede the absolution of the priest, for the priest cannot pardon one who is not repentant.....	69.8
1851B	By the sacrament of penance the temporal punishment due to sin is at least partly canceled.....	57.2
1876	If we repent only of some of our mortal sins and not of others, we do not obtain forgiveness of any.....	56.8
1917	A general confession is necessary when one has been making sacrilegious confessions.....	59.8
1884	Imperfect contrition is sufficient for the forgiveness of sins in the sacrament of penance.....	47.1
1905	Our confession is entire when we tell all the mortal sins committed since baptism which we can remember and which have not already been confessed and forgiven.....	47.6
1836	The sacrament of penance increases sanctifying grace in the souls of those who receive it in the state of grace.....	42.2
1830	Confession is one of the essential acts of the penitent	37.8
1851A	The sacrament of penance cancels all the eternal punishment due to sin.....	31.8

Class 4 (Continued)

- 1831 Satisfaction is one of the essential acts of the penitent..... 27.4
- 1877 When a person has only venial sins to confess he must be contrite for at least one of them, for otherwise he has no sorrow and his confession is worthless..... 29.2

On the fifty-two facts pertaining to the sacrament of penance students show a wide divergency of knowledge. More than 90 per cent of the students know twenty-six of the facts, half of the entire number. The remaining twenty-seven facts have not been satisfactorily learned. All these facts are important. A study of the data inclines the writer to agree with the priest (1:152) whose years of experience taught him the necessity of explaining to the students in his collegiate apologetic courses the disposition requisite for a good confession.

Indulgences

Class 2 (90 to 94.9 per cent)

- 1969 Definition of "plenary indulgence"..... 93.3
- 1973 Definition of "partial indulgence"..... 93.7

Class 3 (75 to 89.9 per cent)

- 1957 Indulgences cancel or lessen our temporal punishment... 82.9
- 1950 Definition of "indulgence"..... 76.8

Class 4 (Under 75 per cent)

- 1954 An indulgence cannot be gained until the guilt of sin has first been taken away..... 70.7
- 1962 To gain an indulgence one must comply with the conditions and perform them..... 71.2

It is evident that the students have difficulty with the facts pertaining to indulgences. These facts should be given more emphasis.

## Extreme Unction

### Class 1 (95 to 100 per cent)

1998	Definition of the sacrament of extreme unction.....	95.0
2002	Persons in danger of death by sickness, accident, or old age can receive extreme unction.....	95.0
2008	Before receiving extreme unction the sick person should make his confession if he is capable of doing so.....	97.1

### Class 2 (90 to 94.9 per cent)

2009	An unconscious person can receive the sacrament of extreme unction.....	90.1
2023	The proper priest to call for the administration of extreme unction and the Viaticum is the pastor or one of the assistants of the parish.....	93.8
2025	The following articles should be prepared for the ad- ministration of extreme unction: A table with a cru- cifix, two lighted candles, holy water, a spoon, six small balls of cotton, and a saucer with bread and lemon.....	92.1

### Class 3 (75 to 89.9 per cent)

2026	When one has just died without the sacraments, it is proper to call the priest because a person may con- tinue to be alive for one or two hours after apparent death.....	89.8
2013	The sacrament of extreme unction confers actual graces to console the sick person and strengthen him against temptation.....	81.9

### Class 4 (Under 75 per cent)

2007	Extreme unction is a sacrament of the living and should be received in the state of grace.....	60.1
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Students' knowledge of the truths applying to the sacrament of extreme unction is reasonably satisfactory, since more than 90 per cent understand six of the facts. However, Essentials 2026, 2013, and 2007, which have not been learned satisfactorily, are as significantly important as the truths which the students have learned.

## Holy Orders

### Class 1 (95 to 100 per cent)

2031	Definition of the sacrament of holy orders.....	98.4
2065	Christ gave His apostles the power to forgive sins when He said: "Whose sins you shall forgive, they are for- given them; whose sins you shall retain, they are retained.".....	95.6

### Class 3 (75 to 89.9 per cent)

2084	We should obey our priests in spiritual matters.....	50.5
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Students' knowledge of two of the facts pertaining to the sacrament of holy orders is practically perfect. Fifty per cent do not know that we must obey our priests in spiritual matters. There are four test questions referring to spiritual superiors under the fourth commandment of God. In analyzing the data under the fourth commandment, mention was made that students seem to have no clear idea as to the meaning of the term "spiritual superiors" and the obligations the faithful owe them, and that conclusion is confirmed by the results on Essential 2084.

## Matrimony

### Class 1 (95 to 100 per cent)

2086	Definition of the sacrament of matrimony.....	99.3
2092	Christ raised marriage to the state of a sacrament.....	95.1
2094	The sacrament of matrimony sanctifies the husband and wife and their conjugal love.....	98.6
2102	Separation of husband and wife is permitted for grave reasons.....	95.9
2108	One should make sure that the person he or she wishes to marry is a practical Catholic and is of such a character as to make a good companion and helper for life.....	99.4
2112	Any Catholic who knows of an impediment to a marriage must disclose it to the pastor.....	95.9
2123	Husband and wife must help each other to lead good Christian lives.....	99.6
2125	Husband and wife must be faithful to the marriage con- tract.....	95.2

Class 1 (95 to 100 per cent)

2133	In a mixed marriage the non-Catholic party must promise to remove all danger to the faith from the Catholic party.....	95.9
2156	The civil divorces granted by the state to Catholics giving them a right to marry again are not recognized by the Church.....	98.1

Class 2 (90 to 94.9 per cent)

2099	Christ restored the unity of marriage, which means that a man can have only one wife, and a woman only one husband.....	92.0
2100	Because marriage is a sacramental contract for life, divorce is forbidden.....	90.5
2104	Separation of husband and wife is permitted on condition that neither party remarry.....	94.3
2115	A marriage must take place in the presence of the pastor or of the bishop of the diocese.....	93.4
2118	A Catholic who goes through the marriage ceremony before a justice or judge is not married.....	94.1
2132	Mixed marriages are opposed by the Church because they expose the Catholic party to the danger of losing his faith or at least of neglecting the practice of his religion.....	94.2
2134	The conditions of mixed marriage include a promise that both parties will bring up their children in the Catholic religion.....	94.6

Class 3 (75 to 89.9 per cent)

2095	The sacrament of matrimony confers strength to bear the trials and troubles of married life.....	89.4
2101	No power on earth, not even the Pope, can break a Christian marriage once the couple have lived together in married life as man and wife.....	88.2
2110	The Church requires that the banns of an intended marriage be announced in the parish church of both parties on three consecutive Sundays or holy-days preceding the marriage.....	85.0
2114	To marry in mortal sin is a sacrilege.....	86.3
2131	Mixed marriages are disapproved by the Church because they are opposed to the union and harmony that should exist between spouses.....	88.6
2150	Blood relationship to the third degree is an annulling impediment to marriage.....	87.5
2113	A person must be in the state of grace at the time of marriage.....	80.3
2149	A Catholic cannot marry an unbaptized person without obtaining a dispensation from the bishop.....	75.5

Class 4 (Under 75 per cent)

- 2096 The sacrament of matrimony confers the grace to bring up their children in the fear and love of God..... 71.4
- 2119 One who goes through a marriage ceremony before a Protestant minister is not only not married, but is excommunicated as well..... 71.9
- 2130 A marriage between a Catholic and a baptized Protestant may be valid, but is unlawful without a dispensation.. 64.9

The test contains twenty-eight questions on the subject of matrimony.

More than 90 per cent of the students answer correctly seventeen of these questions. The remaining eleven facts have not been satisfactorily learned. It is somewhat surprising to find that 14 per cent do not know that it is a sacrilege to marry in the state of mortal sin, and 20 per cent do not know that a person must be in the state of grace at the time of marriage.

SacramentalsClass 1 (95 to 100 per cent)

- 2162 Holy water is a sacramental..... 96.9
- 2163 Candles are a sacramental..... 96.9

Class 2 (90 to 94.9 per cent)

- 2157 Definition of the term "sacramentals"..... 93.3
- 2170A The sacraments were instituted by Christ..... 92.1

Class 3 (75 to 89.9 per cent)

- 2164 Ashes are a sacramental..... 87.5
- 2166 Crosses are a sacramental..... 85.4
- 2168 Rosaries are a sacramental..... 88.0
- 2169 Medals are a sacramental..... 88.1
- 2167 Sacred pictures are a sacramental..... 79.2

Class 4 (Under 75 per cent)

- 2170B The sacramentals were instituted by the Church..... 61.1

It is interesting to compare the results on the seven facts mentioning various articles as sacramentals. While 97 per cent of the students know that holy water and candles are sacramentals, only 79 per cent know that



erred pictures are a sacramental. It is somewhat surprising that only 11 per cent know that the Church instituted the sacramentals.

### Summary

1. Of the 200 essentials pertaining to the Means of Grace, 74 indicate student mastery, 39 have been learned by all except a small minority, 50 have not been satisfactorily learned, and 37 have been definitely neglected.

2. More than 50 per cent of the essentials under the following topics have not been satisfactorily learned.

Grace  
The Sacrament of Baptism  
The Sacrament of Penance  
Indulgences  
Sacramentals

3. Individual guidance or group instruction should be provided for those students who have not learned the 50 essentials in Class 3.

4. More intensive study in the classroom should be devoted to the 37 essentials in Class 4.

5. A study of the results on the individual doctrinal truths indicates that more intensive study and more frequent repetition is necessary for retention.

6. The scores on the individual test questions may be used by the classroom teacher as a guide in determining the amount of emphasis that should be given to the teaching of essentials.

## CHAPTER VIII

### SUMMARY OF STUDENTS' KNOWLEDGE OF THE ESSENTIALS AT THE END OF THE TWELFTH GRADE

In answer to the question, "How well have the twelfth-grade students learned the minimum essentials in high-school religion?" the results of the survey indicate that some of the essentials have been mastered, others have not been learned by all the students, and still others have been definitely neglected.

The data throughout the study refer to individual essentials and the inferences drawn in the analysis and interpretation likewise apply to the individual test questions. This detailed study of the results reveals those facts which need not be taught at any time in high school, those which should be taught to the small group who have not learned them, and finally those essentials which should be taught more thoroughly and repeated at intervals so that the impression might be strengthened and the retention be made permanent. The study also points to the conclusion that some of the essential truths of which a large percentage of students are still ignorant at the end of four years of high school instruction may have been slighted on the supposition that students had the necessary knowledge. The detailed information as has been presented in Chapters V, VI, and VII may prove of value to the classroom teacher, to the curriculum constructor, and to the author of a textbook in high-school religion in the allocation of time, emphasis, and space to each essential.

Information on the individual test questions similar to that analyzed for the twelfth grade may be drawn for each of the grades from seven to eleven

clusive from Table VI. The test questions on this table can be identified by referring to the set of tests in Part III of the Appendix.

To provide an overview of the results for the twelfth grade, this chapter will summarize the data discussed in the foregoing chapters, by divisions under the three major fields of subject matter, the Apostles' Creed, the Commandments, and the Means of Grace. Two summary tables will give this overview.

Table X summarizes by topics, arranged in 5 per cent intervals of scores, the percentage of students who answered the test questions correctly. Table XI presents the same data arranged according to the fourfold classification followed in the discussion of the scores.

Table X may be read as follows: "There are 95.0 per cent or more of students who know 104 essentials pertaining to the Apostles' Creed; 90.0 to 94.9 per cent who know 71 facts; 85.0 to 89.9 per cent who know 49 facts; and so on. Similar information is given for each of the topics under the Apostles' Creed, and for the other two major divisions of subject matter, the Commandments, and the Means of Grace.

**TABLE X -- SUMMARY OF THE PERCENTAGE OF TWELFTH-GRADE STUDENTS  
WHO ANSWERED THE TEST QUESTIONS CORRECTLY**

TOPIC	Per cent	95.0-100.0	90.0-94.99	85.0-89.99	80.0-84.99	75.0-79.99	70.0-74.99	65.0-69.99	60.0-64.99	55.0-59.99	50.0-54.99	45.0-49.99	40.0-44.99	35.0-39.99	30.0-34.99	25.0-29.99	20.0-24.99	15.0-19.99	10.0-14.99	TOTAL ITEMS
THE APOSTLES' CREED		104	71	49	26	33	21	12	7	6	10	4	4	7	1	4	1	1	1	362
First Article--Faith		7	9	3		2	2	2	1				1			1				28
Scrip. and Trad.		3	1	2		5				2										13
God and His Attrib.		12	11	1	2	2	1		1			1	1					1		33
Blessed Trinity		5	5	1		1	1			1						1				15
Creation		2	1	1	1	1			1		1			1			1			10
Man and His Fall		12	5	5	2	3	3	2	1		1			1						35
The Angels		2	2	2		1	1				1									9
Second Article--Creed		3	1	3	2			1												10
Third Article		4	5	3	4	3		4	1	1	1	1		1					1	29
Fourth Article			2	2		1	1				1									7
Fifth Article						1	3													4
Sixth Article			2	1		1	1				1									6
Seventh Article		4	1	1	1	1	1			1			1							11
Eighth Article				3						1										4
Ninth Article		19	13	9	2	6	1				2									52
Marks of the Church		2	1	2	1	1	4	1			1		1	1						15
No Salvation Outside		3	1	1		1														6

TABLE X (CONTINUED)

TOPIC	Per cent 95.0-100.0	90.0-94.99	85.0-89.99	80.0-84.99	75.0-79.99	70.0-74.99	65.0-69.99	60.0-64.99	55.0-59.99	50.0-54.99	45.0-49.99	40.0-44.99	35.0-39.99	30.0-34.99	25.0-29.99	20.0-24.99	15.0-19.99	10.0-14.99	TOTAL ITEMS
Communion of Saints	4	1			2	2				1	1								11
Tenth Article	4			1			1												6
Eleventh Article	1		1	1															3
Twelfth Article	3	2	2	1				1					3	1	2				15
Found. Principles	4	1	1	1	1														8
Christian Ideal	10	7	5	7			1	1			1								32
COMMANDMENTS	135	81	38	35	25	9	12	11	8	4	1	4	4		2				369
Commandments General	1	2	2	2	5	1													13
Sin	13	10	4	5	4		2				1	2							41
Two Great Commandments	10	7	2	3			1			1									24
First Commandment	18	8	6	4	2	1	3	1	2			1	1		1				48
Second Commandment	6	5	4		2	2	3	1					1						24
Third Commandment	6	5	2	3				2	1	1									20
Fourth Commandment	24	6	4	2	2	1	1												40
Fifth Commandment	10	9	1	2	2	1		1											26
Sixth and Ninth Com.	9	7	4	3	1		1	1											26
Seventh and Tenth Com.	16	5	4	4			1	1					1						52
Eighth Commandment	6	5		2	3	1		2	1	1			1		1				23
Commandments--Church	1	4	1	1	1				1										9

TABLE X (CONTINUED)

TOPIC	Per cent	95.0-100.0	90.0-94.99	85.0-89.99	80.0-84.99	75.0-79.99	70.0-74.99	65.0-69.99	60.0-64.99	55.0-59.99	50.0-54.99	45.0-49.99	40.0-44.99	35.0-39.99	30.0-34.99	25.0-29.99	20.0-24.99	15.0-19.99	10.0-14.99	TOTAL ITEMS
First Com. --Church	1																			1
Second Com.---Church	3	2	2	2	1	1			2	1	1									15
Third Com. --Church			1							1										2
Fourth Com.--Church	1			1		1														3
Fifth Com. --Church	1																			1
Sixth Com. --Church		1																		1
Vice and Special Sin	9	5	1	1	2					1			1							20
MEANS OF GRACE	74	39	26	15	9	9		5	5	4	1	2	2	3	2	2	1	1		200
Grace	2	3	2	1						1				2				1		12
Prayer	2	4		1					1											8
Sacraments-General	9	2	2	1		1			1											16
Baptism	7	1	3	2	1	2											1			17
Confirmation	1	2													1					4
The Holy Eucharist	15	4	3	1	1			3					1							28
The Sacrifice of the Mass	4		1	2																7

TABLE X (CONTINUED)

TOPIC	95.0-100.0	90.0-94.99	85.0-89.99	80.0-84.99	75.0-79.99	70.0-74.99	65.0-69.99	60.0-64.99	55.0-59.99	50.0-54.99	45.0-49.99	40.0-44.99	35.0-39.99	30.0-34.99	25.0-29.99	20.0-24.99	15.0-19.99	10.0-14.99	TOTAL ITEMS
Penance	17	9	4	4	4	2	2		3		2	1	1	1	2				52
Indulgences		2		1	1	2													6
Extreme Unction	3	3	1	1				1											9
Holy Orders	2									1									3
Matrimony	10	7	6	1	1	2		1											28
Sacramentals	2	2	4		1			1											10
TOTAL	313	191	113	76	67	39	29	23	18	15	7	10	14	3	8	2	2	1	931

The following table presents the same information as Table X, with respect to results at the end of the twelfth grade, but in another form. Here the test questions listed by topics are arranged into the four classes employed in the analysis and interpretation. Both the number of essentials under each class and the percentage of students who answered the test question correctly are given. The facts listed under Class 1 have been learned by practically all the students. Those under Class 2 are known by 90.0 to 94.9 per cent of the students. Those found in Class 3 have not been learned satisfactorily; only 75.0 to 89.9 per cent of the students know these facts. The facts that fall in Class 4 have been answered correctly by less than 75 per cent; students' knowledge of these facts is, therefore, decidedly unsatisfactory.

The table is to be read as follows: "Practically all the students know 104 or 28.7 per cent of the facts of the Apostles' Creed in Class 1. The 71 facts or 19.6 per cent in Class 2 are unknown to a small per cent of students. The 108 test questions or 29.9 per cent in Class 3 have not been satisfactorily learned. The 79 questions or 21.8 per cent in Class 4 have been definitely neglected. The total number of essentials pertaining to the Apostles' Creed is 362." Similar information is presented for each of the topics under the Apostles' Creed. The data on the Commandments and the Means of Grace are treated in the same way.



TABLE XI -- GROUPING OF RESULTS ON TEST QUESTIONS INTO FOUR CLASSES PERCENTAGE OF TEST ITEMS AND THE PERCENTAGE OF TWELFTH-GRADE STUDENTS ANSWERING THEM CORRECTLY

TOPIC	Class 1		Class 2		Class 3		Class 4		Total Number of Items
	No. of Items	Per cent	No. of Items	Per cent	No. of Items	Per cent	No. of Items	Per cent	
The Apostles' Creed	104	28.7	71	19.6	108	29.9	79	21.8	362
First Article - Faith	7	25.0	9	32.1	5	17.9	7	25.0	28
Scripture and Tradition	3	23.8	1	7.8	7	53.8	2	15.4	13
God and His Attributes	12	36.3	11	33.3	5	15.1	5	15.1	33
The Blessed Trinity	5	33.3	5	33.3	2	13.4	3	20.0	15
Creation	2	20.0	1	10.0	3	30.0	4	40.0	10
Man and His Fall	12	34.3	5	14.3	10	28.5	8	22.9	35
The Angels	2	22.2	2	22.2	3	33.4	2	22.2	9
Second Article- Creed	3	30.0	1	10.0	5	50.0	1	10.0	10
Third Article	4	13.8	5	17.2	10	34.5	10	34.5	29
Fourth Article			2	28.6	3	42.8	2	28.6	7
Fifth Article					1	25.0	3	75.0	4
Sixth Article			2	33.4	2	33.3	2	33.3	6
Seventh Article	4	36.4	1	9.0	3	27.3	3	27.3	11
Eighth Article					3	75.0	1	25.0	4
Ninth Article	19	36.5	13	25.0	17	32.7	3	5.8	52
Marks of the Church	2	13.3	1	6.7	4	26.7	8	53.3	15

TABLE XI (Continued)

TOPIC	Class 1		Class 2		Class 3		Class 4		Total No. of Items
	No. of Items	Per cent	No. of Items	Per cent	No. of Items	Per cent	No. of Items	Per Cent	
No Salv. Outside the Church	3	50.0	1	16.7	2	33.3			6
The Communion of Saints	4	36.4	1	9.0	2	18.2	4	36.4	11
Tenth Article	4	66.6			1	16.7	1	16.7	6
Eleventh Article	1	33.3			2	66.4			3
Twelfth Article	3	20.0	2	13.3	3	20.0	7	46.7	15
Found. Princ. of Chr. Life	4	50.0	1	12.5	3	37.5			8
The Christian Ideal	10	31.3	7	21.6	12	37.6	3	9.5	32
THE COMMANDMENTS	135	36.0	81	22.0	98	27.0	55	15.0	369
Commandments in General	1	7.7	2	15.4	9	69.2	1	7.7	13
Sin	13	31.7	10	24.4	13	31.7	5	12.2	41
The Two Great Commandments	10	41.7	7	29.1	5	20.9	2	8.3	24
First Commandment	18	37.5	8	16.7	12	25.0	10	20.8	48
Second Commandment	6	25.0	5	20.9	6	25.0	7	29.1	24
Third Commandment	6	30.0	5	25.0	5	25.0	4	20.0	20
Fourth Commandment	24	60.0	6	15.0	8	20.0	2.	5.0	40
Fifth Commandment	10	38.5	9	34.7	5	19.3	2	7.5	26
Sixth & Ninth Commandments	9	34.7	7	27.0	8	34.7	2	7.5	26
Seventh & Tenth Commandments	16	50.0	5	15.6	8	25.0	3	9.4	32
Eighth Commandment	6	26.1	5	21.7	5	21.7	7	30.5	23

TABLE XI (Continued)

TOPIC	Class 1		Class 2		Class 3		Class 4		Total No. of Items
	No. of Items	Per cent	No. of Items	Per cent	No. of Items	Per cent	No. of Items	Per cent	
Commandments of the Church	1	11.1	4	44.5	3	33.3	1	11.1	9
First Commandm. of Church	1	100.0							1
Second Commandm. of Church	3	20.0	2	13.4	5	33.3	5	33.3	15
Third Commandm. of Church					1	50.0	1	50.0	2
Fourth Commandm. of Church	1	33.4			1	33.3	1.	33.3	3
Fifth Commandm. of Church	1	100.0							1
Sixth Commandm. of Church			1	100.0					1
Vice and Special Sin	9	45.0	5	25.0	4	20.0	2	10.0	20
MEANS OF GRACE	74	37.0	39	19.5	50	25.0	37	18.5	200
Grace	2	16.7	3	25.0	3	25.0	4	33.3	12
Prayer	2	25.0	4	50.0	1	12.5	1	12.5	8
Sacraments in General	9	56.2	2	12.5	4	25.0	1	6.3	16
Baptism	7	41.2	1	5.9	6	35.3	3	17.6	17
Confirmation	1	25.0	2	50.0			1	25.0	4.

TABLE XI (Continued)

TOPIC	Class 1		Class 2		Class 3		Class 4		Total No. of Items
	No. of Items	Per cent	No. of Items	Per cent	No. of Items	Per cent	No. of Items	Per cent	
The Holy Eucharist	15	53.6	4	14.3	5	17.8	4	14.3	28
The Sacrifice of the Mass	4	57.1			3	42.9			7
Penance	17	32.7	9	17.3	12	23.1	14	26.9	52
Indulgences			2	33.4	2.	33.3	2	33.3	6
Extreme Unction	3	33.4	3	33.3	2.	22.1	1	11.1	9
Holy Orders	2	66.7					1	33.3	3
Matrimony	10	35.7	7	25.0	8	28.6	3	10.7	28
Sacramentals	2	20.0	2	20.0	5.	50.0	1	10.0	10

In summarizing the analysis in the foregoing chapters the following seem to be the most objective statements and inferences that might be made out of numerous others.

### Findings and Conclusions:

1. Three hundred and thirteen essentials have been learned by practically all the students; 191 essentials have been learned by all but a small per cent (5 to 10); 256 essentials have not been satisfactorily learned; and 171 have been definitely neglected.
2. Eighty-three facts, which constitute the matching tests, are definitions. More than 90 per cent of the students have learned forty-two of these facts, and less than 90 per cent know the remaining forty-one facts.
3. In the following topics 50 per cent or more of the essentials fall in Classes 3 and 4, which means that these facts have not been satisfactorily learned.

#### The Apostles' Creed

The First Article--Scripture and Tradition

Creation

Man and His Fall

The Angels

The Second Article of the Creed

The Third Article of the Creed

The Fourth Article of the Creed

The Fifth Article of the Creed

The Sixth Article of the Creed

The Seventh Article of the Creed

The Eighth Article of the Creed

The Ninth Article of the Creed--The Marks of the Church

The Eleventh Article of the Creed

The Twelfth Article of the Creed

#### The Commandments

Commandments in General

The Second Commandment

The Second Commandment of the Church

The Third Commandment of the Church

The Fourth Commandment of the Church

Recommendations:

8. A detailed study of the data not only reveals defects, but also suggests means to overcome such defects, some of which are as follows: (1) Students should be given a better insight into relationships; (2) students should have a clearer understanding of terms; (3) illustrations from practical situations should be presented to the class whenever possible; (4) the peculiar social needs of today should be seriously considered in the teaching of religious doctrine; (5) memorization should follow explanation and understanding; (6) there should be occasional checking and testing for progress; (7) remedial teaching or reteaching should follow the testing; (8) more attention should be given to individual differences by means of individual guidance or group teaching.

## CHAPTER IX

### A COMPARATIVE STUDY OF STUDENTS' KNOWLEDGE--GRADES 7 AND 12

The second major questions which the study will attempt to answer is: "What curricular implications are evident in a comparison of the percentages of correct responses in the seventh and twelfth grades?" Table VI in Chapter IV presented the scores made by seventh-grade students and those made by twelfth-grade students for each of the essentials. It is from this table that Tables XII, XIII, and XIV, presented in this chapter have been derived. They show in detail the percentage of gain or loss students have made over a period of five years.

In the analysis and consequent interpretation of the data, growth will be considered as substantial, satisfactory, unsatisfactory, and decidedly unsatisfactory. There may be evidence of growth, even substantial growth, and yet mastery may be lacking by the end of the twelfth grade; on the other hand, some doctrinal truths may have been learned so well in the elementary grades that little improvement is possible. Hence, in the analysis and interpretation of growth, the factor of achievement must necessarily be considered, for all the essentials are of such vital importance that every student, even the slowest, should know them perfectly at the end of the twelfth grade.

The large number of minimum essentials necessitates for efficient analysis a definite plan of classification. The facts have been grouped, therefore, according to per cent of growth from the seventh to the twelfth grade. The growth is indicated in 5 per cent advances; for example, facts on which the percentage of students shows an increase of 0.0 to 4.9 are grouped together, those on which the percentage of students shows an increase of 5.0 to 9.9

are grouped together, and so on.

The following outline presents in detail the classification of the results with respect to growth.

Section 1. Facts which 90 per cent or more of the students in the seventh grade know.

Section 2. Facts on which students' knowledge shows an increase of 20 per cent or more over a period of five years.

- a. Over 50 per cent of the seventh grade students know these facts.
- b. Under 50 per cent of the seventh grade students know these facts.

Section 3. Facts on which students' knowledge shows an increase of 15.0 to 19.9 per cent.

- a. Over 50 per cent of the seventh grade students know these facts.
- b. Under 50 per cent of the seventh grade students know these facts.

Section 4. Facts on which students' knowledge shows an increase of 10.0 to 14.9 per cent.

- a. Over 50 per cent of the seventh grade students know these facts.
- b. Under 50 per cent of the seventh grade students know these facts.

Section 5. Facts on which students' knowledge shows an increase of 5.0 to 9.9 per cent.

- a. Over 50 per cent of the seventh grade students know these facts.
- b. Under 50 per cent of the seventh grade students know these facts.

Section 6. Facts on which students' knowledge shows an increase of 0.0 to 4.9 per cent.

- a. Over 50 per cent of the seventh grade students know these facts.
- b. Under 50 per cent of the seventh grade students know these facts.

Section 7. Facts on which students' knowledge shows a decrease in percentage.



Table XII presents these data for the test questions pertaining to the Apostles' Creed by topical divisions. The arrangement and the numbering of the essentials is the same as that followed by Sister Philemon (43) in the Check List of Minimum Essentials. The table may be read as follows: "In the First Article of the Creed, Essential 12 has been answered correctly by 90.91 per cent of the seventh grade students and by 99.25 per cent of the twelfth grade students. There is an increase of 8.34 per cent. The total number of test items on the First Article in this section is three." Similar information is given for each of the 931 essentials.

TABLE XII -- PERCENTAGES OF LOSS OR GAIN ON TEST ITEMS  
PERTAINING TO THE APOSTLES' CREED; FROM GRADE 7 TO GRADE 12

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
<u>Section 1.</u> More than 90 per cent of the seventh grade students know these facts.					
First Article of Creed	12	90.91	99.25	8.34	3
	14	90.99	98.54	7.55	
	33	94.98	99.28	4.30	
Scripture and Tradition	44	93.69	98.59	4.90	1
God and His Attributes	72	98.67	99.22	.55	9
	75	96.67	99.11	2.44	
	83	93.78	92.96	-.82	
	88	93.19	98.35	5.16	
	93	90.75	98.35	7.60	
	94	97.16	97.69	.53	
	95	96.67	92.72	-3.95	
	98	90.22	93.64	3.42	
	112	91.44	98.68	7.24	
The Blessed Trinity	113	98.46	99.31	.85	4
	117	90.19	97.27	7.08	
	118	90.91	96.00	5.09	
	128	93.54	95.72	2.18	
Creation	139	97.87	99.50	1.63	1
Man and His Fall	175A	98.18	99.79	1.61	8
	175B	98.18	99.43	1.25	
	176	97.60	99.15	1.55	
	181A	94.25	98.97	4.72	
	186	92.05	97.24	5.19	
	192	90.78	94.72	3.94	
	204	97.46	99.60	2.14	
	215	93.31	98.67	5.36	
Second Article of Creed	272	91.14	96.67	5.53	2
	276	91.35	98.12	6.77	
Third Article of Creed	310	90.43	96.92	6.49	4
	319	95.99	93.42	-2.57	
	322	98.83	98.09	-.74	
	331	95.35	99.16	3.81	

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Sixth Article of Creed	357	91.23	93.15	1.92	1
Seventh Article of Creed	371	95.39	98.50	3.11	2
	377	90.75	96.70	5.95	
Eighth Article of Creed	400	90.60	92.06	1.46	9
	402	94.07	97.46	3.39	
	407	96.68	98.68	2.00	
	411	96.92	99.38	2.46	
	412	96.18	99.05	2.87	
	432	90.23	93.69	3.46	
	435	94.62	98.13	3.31	
	460	97.64	99.40	1.76	
	468	91.26	97.86	6.60	
Marks of the Church	502	97.64	99.28	1.64	1
No Salvation Outside the Church	521	91.03	93.56	2.53	1
Communion of Saints	542	90.14	95.70	5.56	3
	546	99.37	99.60	.23	
	549	98.24	99.71	1.44	
Tenth Article of Creed	558	92.11	97.36	5.25	1
Eleventh Article of Creed	566	95.47	97.96	2.49	1
Twelfth Article of Creed	590	93.68	96.94	3.26	2
	603	95.55	97.51	1.96	
Foundation Principles	616	91.14	99.51	8.37	2
	622	96.78	99.40	2.62	
The Christian Ideal	635	93.77	98.56	4.79	2
	706	95.44	99.60	4.16	
					57

Section 2. a. Students show a gain of 20.0 per cent or more on these facts. They score over 50.0 per cent in the seventh grade.

First Article of Creed	1	56.09	91.10	35.01	6
	10	66.40	92.93	26.53	
	11	64.73	85.62	20.89	
	13	66.43	93.52	27.09	
	25	63.89	86.59	22.70	
	26	66.16	92.11	25.95	

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Scripture and Tradition	52	65.26	88.70	23.44	1
God and His Attributes	76	63.84	98.97	30.13	5
	78	72.17	94.69	22.52	
	89	64.85	92.02	27.17	
	104	62.28	91.67	29.39	
	109	69.85	93.99	24.14	
The Blessed Trinity	115	65.12	92.00	26.88	3
	132	58.56	89.03	30.47	
	133	64.85	91.44	26.59	
Man and His Fall	178	55.45	81.17	25.72	3
	181B	69.07	90.79	21.72	
	220A	54.54	77.11	22.57	
The Angels	253	68.26	93.75	25.49	1
Second Article of Creed	270	54.31	83.26	28.95	2
	278	59.68	89.67	29.99	
Third Article of Creed	296	52.48	85.78	33.30	8
	298	59.16	79.94	20.78	
	307	70.38	94.80	24.42	
	323	50.29	79.61	20.32	
	326	65.70	94.95	29.25	
	327	64.85	94.73	29.88	
	329	59.17	80.14	20.97	
	330	56.61	81.94	25.33	
Fifth Article of Creed	348	51.53	77.26	25.73	1
Seventh Article of Creed	374	63.83	88.83	25.00	1
Ninth Article of Creed	404	56.74	78.81	22.07	12
	410	53.56	79.82	26.26	
	414	66.05	93.60	27.55	
	416	72.84	96.56	23.72	
	431	59.15	80.17	21.02	
	441B	52.65	85.33	32.68	
	448	51.96	75.23	23.27	
	452	51.38	79.63	28.25	
	456	66.42	87.47	25.05	
	467	63.34	90.61	27.27	
	470	68.47	96.46	27.99	
	474	55.29	93.57	38.28	
Marks of the Church	507	53.12	88.04	34.92	1

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Communion of Saints	550	67.88	92.18	24.30	1
Foundation Principles	613	55.48	88.95	33.47	1
The Christian Ideal	633A	59.76	81.71	21.95	
	633B	58.81	81.62	22.81	
	633C	57.86	83.02	25.16	
	657	47.36	83.53	36.17	
	664	74.56	99.05	24.49	
	669	59.20	84.16	24.96	
	700	57.26	88.43	31.17	
	704	68.72	89.46	20.74	
	738	64.73	96.27	31.54	
	739	57.50	96.99	39.49	
					10
					56
Section 2. b. Students show a gain of 20.0 per cent or more on these facts. They score under 50 per cent in the seventh grade					
First Article of Creed	4	30.04	64.29	34.25	
	27	40.44	75.86	35.42	
	28	49.23	85.58	36.35	
	37	47.48	73.68	26.20	
	42	43.96	67.70	23.74	
					5
Scripture and Tradition	45	40.25	78.27	38.02	
	49	38.67	79.20	40.53	
	57	48.58	91.34	42.76	
	64	15.91	58.04	42.13	
					4
God and His Attributes	82	42.51	63.40	20.89	
	91	32.54	86.33	53.79	
	99	25.56	75.00	49.44	
					3
The Blessed Trinity	119	30.66	78.22	47.56	1
Creation	153	38.91	79.64	40.73	
	174	31.09	51.97	20.88	
					2
Man and His Fall	188	46.22	75.54	29.32	
	212	17.82	39.71	21.89	
	219	35.70	66.22	30.52	
	221B	49.32	70.65	21.33	
					4
Second Article of Creed	277	46.34	85.34	39.00	1

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Third Article of Creed	283	44.97	69.40	34.43	2
	292	18.98	50.21	31.23	
Fifth Article of Creed	347	33.88	73.69	39.81	1
Sixth Article of Creed	356	40.71	72.95	32.04	1
Seventh Article of Creed	367A	32.56	59.97	47.41	3
	367B	34.47	70.97	36.50	
	367C	29.58	81.62	52.04	
Ninth Article of Creed	438	28.15	79.09	50.97	2
	455	49.48	92.01	42.53	
Marks of the Church	513	28.67	74.69	46.20	1
No Salvation Outside the Church	522	47.55	89.04	41.49	1
Communion of Saints	536	23.92	46.99	23.07	1
Eleventh Article of Creed	574	33.15	88.04	54.89	1
Twelfth Article of Creed	593	15.35	36.39	21.04	1
Foundation Principles of Creed	617	47.07	78.46	31.39	2
	623	48.91	80.83	31.92	
The Christian Ideal	634	46.28	67.04	20.76	3
	653	59.05	80.16	21.11	
	682	49.50	88.26	38.76	
					39
Section 3. a. Students show a gain of 15.0 to 19.9 per cent on these facts. They score over 50 per cent in the seventh grade.					
First Article of Creed	5	76.47	96.05	19.58	4
	7	57.08	76.79	19.71	
	41	77.08	94.60	17.52	
	43	81.54	97.27	15.73	
Scripture and Tradition	50	58.09	75.59	17.50	1
God and His Attributes	71	78.43	97.23	18.80	
	96	81.74	98.24	16.50	
	101	73.54	90.12	16.58	
	102	61.78	79.46	17.68	

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
God and His Attributes	110	76.14	92.93	16.79	5
The Blessed Trinity	123	53.85	72.66	18.81	2
	135	76.30	93.53	17.23	
Creation	170	71.13	87.97	16.84	1
Man and His Fall	185	76.30	91.89	15.59	3
	200	80.60	96.33	15.73	
	201	51.26	67.50	16.24	
The Angels	257	77.00	96.81	19.81	1
Second Article of Creed	281	75.50	93.43	17.93	1
Third Article of Creed	284	64.18	81.97	17.79	2
	300	61.97	78.64	16.67	
Fourth Article of Creed	334	68.51	85.53	17.02	2
	340	58.24	76.02	17.78	
Seventh Article of Creed	376	78.40	97.69	19.29	2
	378	62.09	77.38	15.29	
Ninth Article of Creed	403	78.53	96.59	18.06	8
	406	72.45	88.04	15.59	
	408	82.74	98.17	15.43	
	409	76.96	92.11	15.15	
	444	77.37	94.11	16.74	
	445	68.88	87.70	18.82	
	446	72.63	89.43	16.80	
	453	56.45	71.72	15.27	
Marks of the Church	511	68.32	85.07	16.75	2
	512	62.47	82.39	19.92	
No Salvation Outside the Church	528	79.81	96.29	16.48	
	535	81.43	96.90	15.47	
Tenth Article of Creed	559	78.24	97.04	18.80	1
Twelfth Article of Creed	580	78.18	97.36	19.18	3
	585	74.78	93.96	19.18	
	600	70.20	85.89	15.69	
The Christian Ideal	628	77.08	93.49	16.41	
	648B	68.59	87.91	19.32	

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
The Christian Ideal	662	77.99	93.60	15.16	
	663	75.95	93.04	17.09	
	670	80.82	97.08	16.26	5
					45
<u>Section 3.</u> b. Students show an increase of 15.0 to 19.9 per cent on these facts. They score under 50 per cent in the seventh grade.					
First Article of Creed	19A	8.61	26.01	17.40	1
Creation	171	43.43	63.19	19.76	1
Man and His Fall	224	44.91	62.91	18.00	1
Seventh Article of Creed	366	23.53	40.04	16.51	1
Eighth Article of Creed	386	38.79	56.95	18.16	1
Marks of the Church	508	26.09	42.77	16.68	
	510	20.40	38.58	18.18	2
					7
<u>Section 4.</u> a. Students show a gain of 10.0 to 14.9 per cent on these facts. They score over 50 per cent in the seventh grade.					
First Article of Creed	36	84.08	98.71	14.63	
	38	82.20	93.26	11.06	
	39	79.14	94.10	14.96	
	40	80.82	91.02	10.20	4
Scripture and Tradition	46	66.52	78.00	11.48	1
God and His Attributes	84	86.29	97.41	11.12	
	92	56.26	70.56	14.30	
	111	76.84	90.06	14.22	3
Creation	138	87.23	98.40	11.17	
	141	82.20	92.60	10.40	2
Man and His Fall	177	84.21	95.28	11.07	
	182B	82.07	95.06	12.99	
	183	75.14	89.60	14.46	
	214	61.51	74.06	12.55	4



TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Second Article of Creed	265	82.94	96.38	13.54	1
Third Article of Creed	328	55.78	67.48	11.70	1
Fourth Article of Creed	336	81.55	92.01	10.46	1
Fifth Article of Creed	345	57.75	70.74	12.09	2
	349	61.37	73.67	12.30	
Sixth Article of Creed	364	68.26	78.76	10.50	1
Ninth Article of Creed	397A	79.28	89.77	10.49	7
	405	84.45	97.27	12.82	
	413	69.63	82.53	12.90	
	422	85.64	98.37	12.73	
	487	81.75	94.38	12.63	
	488	81.15	93.05	11.90	
	490	83.38	94.81	11.43	
Marks of the Church	492	62.42	76.68	14.26	4
	493	63.33	73.34	10.01	
	495	59.80	70.45	10.65	
	497	82.83	95.94	13.11	
Communion of Saints	545	61.12	74.91	13.79	1
Tenth Article of Creed	560	88.91	99.50	10.59	1
Eleventh Article of Creed	564	73.97	84.23	10.26	1
Twelfth Article of Creed	592	71.99	85.00	13.01	1
Foundation Principles	618	85.87	96.09	10.22	1
The Christian Ideal	652	47.02	60.82	13.80	3
	659	83.11	96.71	13.60	
	737	78.04	92.69	14.65	
					39

Section 4. b. Students show a gain of 10.0 to 14.9 per cent on these facts. They score under 50 per cent in the seventh grade.

First Article of Creed	19B	32.10	44.44	12.34	1
God and His Attributes	103	26.38	41.13	14.75	1

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
The Angels	231	40.32	50.63	10.31	1
Ninth Article of Creed	469	40.23	53.69	13.46	1
Twelfth Article of Creed	609	15.62	26.71	11.09	
	611	21.23	35.18	13.95	
	612	20.75	34.74	13.99	3
					<hr/> 7
<u>Section 5.</u> a. Students show a gain of 5.0 to 9.99 per cent on these facts. They score over 50 per cent in the seventh grade.					
First Article of Creed	9	89.57	94.60	5.03	
	29	89.47	97.58	8.11	2
Scripture and Tradition	51	89.58	97.25	7.67	
	53	81.90	89.06	7.16	
	54	87.79	97.23	9.44	
	60	68.76	76.76	8.00	4
God and His Attributes	79	89.38	98.40	9.02	
	80	89.76	95.50	5.74	
	86	75.04	82.15	7.11	
	97	89.12	94.95	5.83	4
The Blessed Trinity	116	89.59	97.99	8.40	
	129	88.00	93.82	5.82	2
Creation	137	76.93	82.99	6.06	1
Man and His Fall	182A	82.71	89.16	6.45	
	193	86.83	93.65	6.82	
	194	89.12	97.35	8.23	
	199	87.43	96.60	9.17	
	203	75.16	81.81	6.65	
	220B	86.01	93.72	7.71	
	229	80.10	89.42	9.32	7
The Angels	230	68.24	77.92	9.68	
	256	87.20	97.05	9.85	
	258	79.60	88.15	8.55	3
Second Article of Creed	275	78.28	85.34	7.06	1

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE	GRADE	INCORRECT	TOTAL ITEMS
Third Article of Creed	288	63.10	68.18	5.08	4
	289	80.51	87.54	7.03	
	297	88.87	97.54	8.67	
	321	77.80	85.48	7.68	
Fourth Article of Creed	339	87.54	93.93	6.39	1
Sixth Article of Creed	354	83.86	91.92	8.06	2
	362	80.78	87.43	6.65	
Seventh Article of Creed	369	88.57	97.83	9.26	1
Eighth Article of Creed	387	81.06	89.54	8.48	3
	388	82.29	88.48	6.19	
	389	80.60	87.35	6.75	
Ninth Article of Creed	396	85.78	95.56	9.78	7
	399	82.16	91.90	9.74	
	433	89.94	97.23	7.29	
	478	88.77	98.67	9.90	
	480	88.93	97.55	8.62	
	486	89.59	98.56	8.97	
	489	87.95	97.14	9.19	
Marks of the Church	494	60.94	67.00	6.06	2
	499	86.32	94.52	8.20	
No Salvation Outside the Church	519	87.11	97.01	9.90	1
Communion of Saints	540	89.58	95.28	5.70	3
	547	61.55	71.14	9.59	
	548	69.79	77.95	8.16	
Tenth Article of Creed	556	59.76	68.44	8.68	2
	557	86.61	96.29	9.68	
Twelfth Article of Creed	578	89.12	94.74	5.62	2
	608	75.25	83.89	8.64	
Foundation Principles	620	87.20	95.82	8.62	1
The Christian Ideal	636	81.42	90.21	8.79	6
	637	86.80	92.11	5.31	
	661	89.14	98.16	9.02	
	671	89.54	99.11	9.57	
	672	89.27	97.27	7.98	
	731	76.39	81.5 6	5.15	

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
<u>Section 5.</u> b. Students show a gain of 5.0 to 9.9 per cent on these facts. They score under 50 per cent in the seventh grade.					
Fourth Article of Creed	337	43.96	53.05	9.09	1
Marks of the Church	504	43.87	53.16	9.29	1
Communion of Saints	551	43.33	51.24	7.91	1
Twelfth Article of Creed	610	16.70	26.10	9.40	<u>1</u> 4
<u>Section 6.</u> a. Students show a gain of 0.0 to 4.99 per cent on these facts. Students score over 50 per cent in the seventh grade.					
First Article of Creed	34	65.95	68.72	2.77	2
	35	70.86	72.72	1.86	
The Blessed Trinity	114	89.12	93.87	4.75	2
	121	52.13	55.78	3.65	
Man and His Fall	221B	84.43	87.68	3.25	3
	225	83.03	87.64	4.61	
	226	70.71	74.40	3.69	
The Angels	236	86.56	89.40	2.84	2
	237	87.91	91.81	3.90	
Second Article of Creed	271	77.65	81.47	3.82	1
Third Article of Creed	285	57.06	60.20	3.14	4
	295	89.85	91.10	1.25	
	311	64.24	65.22	.98	
	315	55.82	59.32	3.50	
Seventh Article of Creed	370	87.68	92.53	4.85	1
Ninth Article of Creed	397B	88.58	92.23	3.65	2
	417	81.19	85.20	4.01	
Marks of the Church	498	70.85	71.87	1.02	1

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Tenth Article of Creed	555	79.74	82.35	2.61	1
Foundation Principles	619	87.66	90.59	2.93	1
The Christian Ideal	638	87.56	92.35	4.79	
	651	86.53	89.42	2.89	2
					<hr/> 22
<u>Section 6.</u> b. Students show a gain of 0.0 to 4.99 per cent on these facts. They score under 50 per cent in the seventh grade.					
God and His Attributes	85	10.48	15.05	4.57	1
Creation	167	32.53	36.21	3.68	1
Third Article of the Creed	314	12.04	14.05	2.01	1
Sixth Article of the Creed	355	49.74	52.09	3.25	1
The Christian Ideal	648A	43.19	48.13	4.94	1
					<hr/> 5
<u>Section 7.</u> On these test items students show a loss in percentage.					
Scripture and Tradition	65	64.18	57.96	6.22	1
God and His Attributes	73	84.43	84.07	.36	
	74	74.44	46.00	28.44	2
The Blessed Trinity	134	33.42	29.82	3.60	1
Creation	140	28.22	23.95	4.27	1
Man and His Fall	218	76.83	76.68	.15	
	228	55.22	53.60	1.62	2
The Angels	259	77.64	73.48	4.16	1
Second Article of the Creed	266	71.63	66.45	5.18	1
Third Article of the Creed	286	52.94	36.80	16.14	
	287	57.02	48.80	8.22	
	320	90.05	84.58	5.47	3

TABLE XII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Fourth Article of Creed	335	88.63	88.08	.55	2
	338	72.19	70.67	1.52	
Ninth Article of Creed	398	86.93	77.18	9.75	4
	441A	92.93	89.74	3.19	
	454	56.96	53.75	3.21	
	491	88.05	87.58	.47	
No Salvation Outside the Church	520	80.22	77.74	2.48	1
Communion of Saints	543	81.20	78.54	2.66	1
Twelfth Article of Creed	577	39.60	37.71	1.89	2
	591	64.49	62.22	2.27	
					<u>22</u>

### A. The Apostles' Creed

The data as presented on Table XII reveal that more than 90 per cent of the seventh-grade students can answer fifty-seven of the 362 test questions pertaining to the Apostles' Creed. These fifty-seven truths are so well known that there seems to be no justification for teaching them at any time in the high school. Occasional checking or testing is advisable, as a comparison of the percentages for the seventh and twelfth grades indicates a slight loss on thirteen of these essentials. Since, however, the decrease in per cent on these thirteen facts does not fall below the 90 per cent point, these facts are listed in this group rather than in the group showing a loss.

There are ninety-five facts in this division of doctrinal truths on which the percentage of correct responses indicates a gain of 20 per cent or more over a period of five years. At the seventh-grade level fifty-six of these facts are known by over 50 per cent of the students and the remaining thirty-nine facts are known by less than 50 per cent. A 20 per cent increase may be deemed a substantial gain, if considered only in terms of growth. Further study of the data, however, indicates that despite this gain a large number of these facts are not known by all the students at the end of the twelfth grade. A detailed comparison of the results at both grade levels, which follows, will clarify this statement.

Achievement in the Seventh GradeAchievement in the Twelfth Grade

No. of Items      Per cent

56              Over 50.0

39              Under 50.0

---

95

No. of Items      Per cent

6              Over 95.0  
19             90.0-94.9  
31             75.0-89.92              90.0-94.9  
18             75.0-89.9  

---

19             Under 75.0

95

It seems reasonable to conclude that these facts are being taught, but not sufficiently well, when one considers the results at the end of the twelfth grade. Six of these facts have been learned perfectly. A small percentage of students (5.0 to 9.9 per cent) do not know twenty-one of the facts. Hence, occasional checking and testing are advisable in order to provide the necessary additional instruction to those who have not learned these minimum essentials. To forty-nine of these test questions 75.0 to 89.9 per cent of the students respond correctly. Ordinarily in classroom testing such results are considered satisfactory, but in the test under consideration the per cent should be 100. These forty-nine truths have not been satisfactorily learned. Despite the gain of 20 per cent or more, the remaining nineteen facts may be termed neglected truths, because less than 75 per cent of the students know them at the end of the twelfth grade.



On fifty-two facts the knowledge of students shows a gain of 15.0 to 19.9 per cent. This may be considered a fairly satisfactory growth.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
45	Over 50.0	14	Over 95.0
		12	90.0-94.9
		16	75.0-89.9
		3	Under 75.0
<u>7</u>	Under 50.0	<u>7</u>	Under 75.0
52		52	

There are fourteen facts which more than 95 per cent of the students in the twelfth grade know; they are known in the seventh grade by at least 75 per cent. This group of doctrinal truths and the twelve which 90 to 94 per cent of the seventh-grade students know do not require intensive study at any time during the four years of high school. Occasional testing would reveal those students who do not know these facts. Remedial instruction or guidance should follow the test. The sixteen facts which only 75 to 89 per cent of the twelfth-grade students know should be given more attention at some time during the four-year high-school period. The ten facts which less than 75 per cent of the twelfth-grade students know may in truth be called neglected facts despite the gain students have made.

The students show a gain of 10 to 14.9 per cent on forty-six facts. The following outline indicates their standing with respect to those essentials:

Achievement in the Seventh Grade

No. of Items	Per cent
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39	Over 50.0
----	-----------

<u>7</u>	Under 50.0
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46	
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Achievement in the Twelfth Grade

No. of Items	Per cent
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12	Over 95.0
10	90-94.9
8	75.0-89.9
9	Under 75.0

<u>7</u>	Under 75.0
----------	------------

46	
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The twelve facts which more than 95 per cent of the students in the twelfth grade know have been well learned. These facts and the ten which 90 to 94.9 per cent of the students know have been fairly well learned even at the seventh-grade level. The eight doctrinal truths which only 75 to 89.9 per cent of the twelfth-grade students know have not been sufficiently well taught. The remaining sixteen questions which less than 75 per cent of the students can answer correctly may be classified as neglected.

There are sixty-three essentials on which the gain made by students ranges from 5.0 to 9.9 per cent.

Achievement in the Seventh Grade

No. of Items	Per cent
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59	Over 50.0
----	-----------

<u>4</u>	Under 50.0
----------	------------

63	
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Achievement in the Twelfth Grade

No. of Items	Per cent
--------------	----------

24	Over 95.0
12	90.0-94.9
19	75.0-89.9
4	Under 75.0

<u>4</u>	Under 75.0
----------	------------

63	
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As regards the twenty-four facts which more than 95 per cent of twelfth-grade students know and the twelve facts which 90.0 to 94.9 per cent know, little improvement was possible, since all of these truths are known by at least 80 per cent of the seventh-grade students. Knowledge of nineteen facts

is unsatisfactory both with respect to growth and to achievement, since only 75.0 to 89.9 per cent of the students respond correctly. The eight facts which less than 75 per cent of the students know have been neglected in religious instruction.

There are twenty-seven test items on which the students' advance in percentage is less than 5.0 per cent.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
22	Over 50.0	7	90.0-94.9
		7	75.0-89.9
		8	Under 75.0
<u>5</u>	Under 50.0	<u>5</u>	Under 75.0
27		27	

Substantial gain in knowledge is impossible on the seven test items which 90.0 to 94.9 per cent of the students know, since at least 85.0 per cent of the seventh-grade students know the answers to these test questions. Students' knowledge of the remaining twenty-two facts is unsatisfactory both as to growth and achievement.

On twenty test questions, the percentage of correct answers is less in the twelfth grade than in the seventh grade. For practical purposes these test questions may be divided into two groups, those which 75 per cent of the seventh-grade students know and those which less than 75 per cent know. The former group numbers ten and the latter twelve. All may be termed neglected facts.

### B. The Commandments

TableXIII presents the percentage of increase and loss in students' knowledge over a period of five years, from Grades seven to twelve, for the individual essentials pertaining to the Commandments under their respective topical division.

TABLE XIII -- PERCENTAGES OF LOSS OR GAIN ON TEST ITEMS  
PERTAINING TO THE COMMANDMENTS, FROM GRADE 7 TO GRADE 12

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
<u>Section 1.</u> More than 90 per cent of the seventh grade students know these facts.					
Commandments in General	754	90.51	91.06	.55	1
Sin	758	93.41	93.32	-.09	
	765	95.94	97.95	2.01	
	766	94.73	97.97	3.24	
	777	97.09	98.94	1.85	
	792	95.53	98.71	3.18	
	797	93.41	94.85	1.44	
	814	92.85	97.77	5.92	7
The Two Great Commandments	839	93.79	97.80	4.01	
	860	95.82	99.15	3.33	
	898	90.75	96.70	5.95	
	914	91.69	95.87	4.18	4
First Commandment	933	92.20	94.99	2.97	
	951	92.68	98.09	5.41	
	972	96.75	98.94	2.19	
	989	90.77	95.42	4.65	
	1006	96.34	98.67	2.33	
	1010	95.13	99.44	4.31	6
Second Commandment	1023	98.25	99.54	1.29	
	1025	96.51	97.52	-.79	
	1026	97.00	99.28	2.28	
	1057	94.15	98.71	4.56	4
Third Commandment	1069	92.15	97.14	4.99	
	1070	97.09	98.60	1.51	
	1071	90.38	93.86	3.48	
	1078	96.87	98.27	1.40	
	1081	97.37	98.83	1.46	
	1085	93.41	94.71	1.30	
	1091	94.14	97.72	3.58	7
Fourth Commandment	1107	97.51	99.22	1.71	
	1108	91.07	98.50	7.43	

TABLE XIII I (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Fourth Commandment	1110	98.01	97.27	-.74	
	1112	99.51	99.38	-.13	
	1113	94.01	97.58	3.57	
	1114	96.81	99.22	2.41	
	1119	90.40	95.53	5.13	
	1122	90.50	95.53	5.03	
	1125	91.26	95.59	4.33	
	1133	93.89	97.69	3.80	
	1149	94.34	98.68	4.34	
	1150	91.02	98.12	7.10	
	1152	96.51	98.68	2.17	
	1153	95.47	98.13	2.76	
	1160	95.69	99.03	3.34	15
Fifth Commandment	1187	95.46	94.99	-.47	
	1189	95.63	94.96	-.67	
	1190	92.69	93.41	.72	
	1191	90.68	94.74	4.06	
	1194	94.89	96.21	1.32	
	1195	98.61	99.40	.79	
	1199	92.44	98.40	5.96	
	1204	91.99	97.51	5.52	8
Sixth and Ninth Commandments	1246	97.88	97.54	-.34	
	1247	96.68	98.98	2.30	
	1248	95.90	99.51	3.61	
	1249	90.04	97.35	7.31	
	1251	95.76	99.44	4.68	
	1252	93.65	97.25	3.60	
	1254	92.15	99.00	6.85	
	1255	91.74	98.73	6.98	
	1256	94.36	94.37	.01	9
Seventh and Tenth Commandments	1259	98.06	98.64	.58	
	1260	95.46	94.14	-1.32	
	1262	95.28	99.16	3.88	
	1271	98.56	99.40	.84	
	1272	96.41	99.05	2.64	
	1282	91.96	98.60	6.64	6
Eighth Commandment	1312	95.44	96.44	1.00	
	1331	93.77	99.25	5.48	2
First Commandment of the Church	1354	91.27	97.81	6.53	1

TABLE XIII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Second Commandment of the Church	1363	97.05	99.03	1.98	1
Fourth Commandment of the Church	1416	91.78	99.17	7.39	1
Vice and Special Sin	1473	90.77	96.33	5.56	5
	1474	95.05	98.50	3.45	
	1475	94.48	97.68	3.20	
	1477	98.01	99.25	1.24	
	1478	94.86	99.54	4.68	
					77
Section 2. a. Students show a gain of 20.0 per cent or more on these facts. They score over 50 per cent in the seventh grade.					
Commandments in General	752	67.57	94.52	26.95	1
Sin	768	55.59	83.18	27.59	7
	769	57.07	88.70	31.63	
	770	64.46	92.15	27.69	
	775	72.16	94.87	22.71	
	778	60.74	92.15	31.41	
	812	56.92	87.41	30.49	
	815	69.05	94.46	25.41	
The Two Great Commandments	828	73.60	94.89	21.29	3
	830	58.66	90.59	31.59	
	899	59.80	82.17	22.37	
The First Commandment	938	64.11	93.52	29.41	4
	973	61.68	86.25	24.57	
	977	67.25	96.00	28.75	
	984	63.14	92.33	29.19	
The Second Commandment	1030	56.50	91.82	35.32	4
	1041	65.33	88.25	22.92	
	1043	58.78	86.81	28.03	
	1044	50.36	90.59	40.23	
The Third Commandment	1093	57.75	93.69	35.94	2
	1101	56.16	81.80	25.64	
The Fourth Commandment	1124	67.48	89.24	21.76	
	1140	63.88	94.43	30.55	
	1159	69.07	89.22	20.15	

TABLE XIII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Fourth Commandment	1161	62.79	86.20	23.41	5
	1177	56.87	76.96	20.09	
Fifth Commandment	1223	62.44	88.61	26.17	2
	1210	75.38	97.08	21.70	
Sixth and Ninth Commandments	1236	60.48	94.98	34.50	4
	1238	66.17	95.39	29.22	
	1239	61.46	83.78	22.32	
	1242	62.33	82.53	20.20	
Seventh and Tenth Commandments	1273	56.96	81.83	24.87	5
	1274	65.21	97.12	31.91	
	1298	76.55	98.21	21.66	
	1299	57.59	96.13	38.54	
	1309	72.27	97.69	25.42	
Eighth Commandment	1316	67.87	90.70	22.83	3
	1318	74.89	96.70	21.81	
	1333	57.41	92.49	35.08	
Commandments of the Church	1344	60.37	82.50	22.13	1
Second Commandment of the Church	1360	63.97	89.42	25.45	1
Third Commandment of the Church	1413	68.84	88.89	20.05	1
Sixth Commandment of the Church	1422	66.00	92.29	26.29	1
Vice and Special Sin	1433	65.47	93.09	27.62	2
	1449	68.23	97.23	29.00	
					46

Section 2. b. Students show a gain of 20.0 per cent or more on these facts. They score under 50 per cent in the seventh grade.

Sin	795	45.99	66.53	20.50	6
	798	43.68	68.87	25.19	
	807	9.31	41.74	32.43	
	808	9.26	44.44	35.18	
	809	14.76	45.86	31.10	
	825	45.02	75.01	29.99	



TABLE XIII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
The Two Great Commandments	894	48.93	97.69	48.76	2
	897	41.96	80.63	38.67	
First Commandment	936	15.36	58.93	43.57	4
	939	37.59	77.23	39.64	
	955	55.63	87.43	31.80	
	978	37.28	59.73	22.45	
Second Commandment	1036	40.71	76.09	35.38	4
	1049	35.66	79.99	44.33	
	1052	38.55	66.35	27.80	
	1056	21.06	61.94	40.88	
Third Commandment	1065	44.49	82.84	38.35	1
Fourth Commandment	1158	32.85	68.22	35.37	3
	1163	36.99	75.12	38.13	
	1180	48.66	70.67	22.01	
Seventh and Tenth Commandments	1275	40.73	65.28	24.85	3
	1290	29.95	61.76	31.81	
	1293	42.10	83.79	41.69	
Eighth Commandment	1323	43.23	76.38	33.15	4
	1324	29.66	56.31	26.65	
	1334	28.65	77.56	48.91	
	1337	38.09	60.82	22.73	
Commandments of the Church	1345	46.20	79.69	33.49	2
	1348	38.28	58.16	23.88	
Second Commandment of the Church	1393	47.08	72.75	25.67	1
Vice and Special Sin	1440	23.53	76.79	53.26	2
	1452	47.76	77.12	29.36	
					32

Section 3. a. Students show a gain of 15.0 to 19.9 per cent on these facts. They score over 50 per cent in the seventh grade.

Sin	760	79.50	97.36	17.86	4
	767	76.96	92.35	15.39	
	801	63.53	79.64	16.11	
	826	77.20	94.38	17.18	

TABLE XIII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
The Two Great Commandments	893	77.22	92.87	15.65	4
	895	69.73	87.97	18.24	
	907	76.39	93.83	17.44	
	913	52.15	69.29	17.14	
First Commandment	931	53.58	70.88	17.30	6
	932	76.17	96.05	19.88	
	950	81.83	97.68	15.85	
	958	80.84	96.05	15.21	
	979	76.00	93.29	17.29	
	991	81.06	96.81	15.75	
Second Commandment	1021	51.26	69.38	18.12	5
	1027	80.56	97.46	16.90	
	1037	55.72	70.87	15.15	
	1040	53.56	69.92	16.36	
	1058	69.91	89.15	19.24	
Third Commandment	1079	69.21	86.62	17.41	2
	1092	77.82	95.06	17.24	
Fourth Commandment	1115	80.05	96.21	16.16	3
	1126	75.11	92.69	17.58	
	1172	79.74	98.98	19.24	
Fifth Commandment	1186	63.40	78.52	15.12	3
	1198	70.62	90.26	19.64	
	1203	75.50	94.43	18.93	
Sixth and Ninth Commandments	1233	73.96	91.40	17.44	3
	1243	79.36	94.38	15.02	
	1257	64.61	82.21	17.60	
Seventh and Tenth Commandments	1261	79.25	97.27	18.02	3
	1276	78.26	97.07	18.81	
	1287	72.36	92.35	19.99	
Eighth Commandment	1314	80.90	96.29	15.39	4
	1317	63.65	78.82	15.17	
	1327	74.68	91.31	16.63	
	1332	60.65	80.45	19.80	
Commandments of the Church	1346	78.18	93.20	15.02	1

TABLE XIII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Second Commandment of the Church	1364	72.06	91.03	18.97	3
	1383	70.01	85.11	15.10	
	1405	64.13	81.36	17.23	
Fifth Commandment of the Church	1421	77.46	97.45	19.99	1
Vice and Special Sin	1424	66.17	84.01	17.84	5
	1425	77.31	93.60	16.29	
	1447	80.03	97.69	17.66	
	1463	71.53	89.51	17.98	
	1479	75.66	94.73	18.07	
					<hr/> 47
Section 3. b. Students show a gain of 15.0 to 19.9 per cent on these facts. They score under 50 per cent in the seventh grade.					
The Two Great Commandments	846	34.03	53.09	19.06	1
The First Commandment	921	26.71	44.63	17.92	1
The Third Commandment	1072	45.57	60.67	15.10	4
	1073	38.65	53.98	15.33	
	1080	42.52	57.31	14.79	
	1096	45.98	60.58	14.60	
The Fifth Commandment	1200	41.12	61.04	19.92	1
The Seventh and Tenth Com- mandments	1279	19.44	35.28	15.84	1
The Eighth Commandment	1320	9.12	27.30	18.18	3
	1321	17.53	36.88	19.35	
	1330	34.01	52.29	18.28	
Second Commandment of the Church	1362	42.87	60.06	17.19	2
	1375	38.09	54.14	16.05	
					<hr/> 13

Section 4. a. Students show a gain of 10.0 to 14.9 per cent on these facts. They score over 50 per cent in the seventh grade.

Commandments in General	747	67.25	79.64	12.39	2
	753	78.61	89.83	11.22	

TABLE XIII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Sin	759	69.69	82.69	13.00	
	761	85.97	98.35	12.38	
	762	81.15	94.60	13.45	
	793	77.40	89.79	12.39	
	794	83.17	97.02	13.95	
	796	85.86	96.05	10.19	6
The Two Great Commandments	827	87.92	98.56	10.64	
	859	84.25	95.94	11.69	
	892	85.42	95.99	10.57	
	904	74.21	89.16	14.95	
	906	79.93	94.38	14.45	5
First Commandment	918	72.91	85.34	12.43	
	920	83.26	96.67	13.41	
	926	83.82	97.18	13.36	
	928	78.90	92.82	13.92	
	929	80.58	95.56	14.98	
	945	73.74	85.60	11.86	
	954	74.65	87.47	12.82	
	956	54.13	67.39	13.26	
	987	84.07	98.53	14.46	
	992	70.25	80.54	10.29	
	996	85.43	97.04	11.61	11
Second Commandment	1024	81.06	94.82	13.76	
	1046	81.20	95.54	14.34	
	1055	78.61	90.09	11.48	3
Third Commandment	1098	76.96	91.18	14.22	1
Fourth Commandment	1111	74.50	88.36	13.86	
	1128	84.69	97.25	12.56	
	1135	69.69	81.65	11.96	
	1136	88.17	98.79	10.62	
	1148	82.71	94.74	12.03	
	1151	84.13	97.94	13.81	
	1155	84.52	97.32	12.80	
	1166	70.48	84.12	13.64	
	1176	86.59	97.90	11.31	9
Fifth Commandment	1201	77.97	90.48	12.71	
	1207	85.72	98.61	12.89	
	1209	80.84	95.16	14.32	
	1211	83.95	97.50	13.55	
	1221	88.39	99.71	11.32	5

TABLE XIII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Sixth and Ninth Commandments	1234	75.04	89.54	14.50	3
	1244	73.86	87.84	13.98	
	1250	76.02	88.41	12.39	
Seventh and Tenth Commandments	1266	77.65	92.49	14.84	4
	1284	68.70	81.35	12.85	
	1288	86.86	98.59	11.73	
	1305	82.34	92.81	10.47	
Eighth Commandment	1339	73.27	84.82	11.55	1
Commandments of the Church	1343	74.35	87.59	13.24	3
	1349	80.46	92.11	11.65	
	1352	79.42	93.76	14.34	
Second Commandment of the Church	1365	67.41	80.54	13.13	5
	1366	62.99	77.69	14.70	
	1376	87.89	98.91	11.02	
	1389	79.86	93.15	13.29	
	1394	86.63	97.83	11.20	
Fourth Commandment of the Church	1417	56.06	70.92	14.86	1
Vice and Special Sin	1476	79.93	94.28	14.35	<u>1</u>
					60
Section 4. b. Students show a gain of 10.0 to 14.9 per cent on these facts. They score under 50 per cent in the seventh grade.					
Second Commandment	1029	25.89	36.77	10.88	1
Eighth Commandment	1329	48.82	61.45	12.63	1
Vice and Special Sin	1443	48.55	59.97	11.42	<u>1</u>
					3
Section 5. a. Students show a gain of 5.0 to 9.9 per cent on these facts. They score over 50 per cent in the seventh grade.					
Commandments in General	742	89.95	95.19	5.24	
	743	67.39	75.82	8.43	
	746	70.12	65.00	5.88	

TABLE XIII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Commandments in General	749	70.85	77.63	6.78	6
	750	71.33	81.26	9.93	
	751	69.29	78.46	9.17	
Sin	763	88.92	97.77	8.85	9
	774	72.29	78.39	6.10	
	779	89.94	96.95	7.01	
	782	88.34	94.49	6.15	
	783	77.20	82.91	5.71	
	784	79.13	84.25	5.12	
	803	85.77	95.76	9.99	
	813	82.44	88.15	5.71	
The Two Great Commandments	823	87.89	97.61	9.72	5
	844	88.99	95.63	6.64	
	855	88.77	95.50	6.73	
	861	83.98	90.35	6.37	
	901	83.97	93.01	9.04	
First Commandment	905	75.25	84.07	8.82	9
	915	56.45	64.49	8.24	
	917	61.92	69.18	7.26	
	934	89.23	96.55	7.32	
	935	87.24	93.72	6.48	
	947	87.70	95.86	8.16	
	988	88.26	96.50	8.24	
	993	67.80	76.58	8.78	
Second Commandment	1011	58.81	66.26	7.45	1
	1018	85.43	94.46	9.03	
	1028	83.11	90.12	7.01	
	1077	77.12	83.80	6.60	
Third Commandment	1086	79.26	87.68	8.42	2
	1123	89.57	97.77	8.20	
Fourth Commandment	1139	87.84	97.12	9.28	2
	1196	64.54	72.02	7.48	
Fifth Commandment	1202	82.43	91.59	9.16	4
	1206	89.36	96.16	6.80	
	1215	81.88	91.53	9.65	
	1227	80.26	90.25	9.99	
Sixth and Ninth Commandments	1232	54.47	64.10	9.53	4
	1240	60.41	65.72	5.31	
	1241	68.88	75.37	6.49	

TABLE XIII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Seventh and Tenth Command- ments	1263	89.76	95.53	5.77	
	1264	89.67	95.08	5.41	
	1265	87.08	96.20	9.12	
	1280	78.26	87.12	8.86	
	1283	84.55	94.10	9.55	
	1292	74.92	83.95	9.03	
	1297A	87.24	96.27	9.03	
	1297B	78.45	88.03	9.58	8
Eighth Commandment	1313	86.68	93.60	6.74	
	1328	86.39	96.14	9.75	
	1335	89.70	98.38	8.68	
	1336	83.58	92.84	9.26	4
Commandments of the Church	1351	85.26	94.78	9.52	
	1353	86.98	95.49	8.51	2
Fourth Commandment of the Church	1418	77.42	82.80	5.38	1
Vice and Special Sin	1471	88.51	97.45	8.94	
	1472	89.70	95.49	5.79	2
					<hr/> 59
<u>Section 5. b. Students show a gain of 5.0 to 9.9 per cent on these facts. They score under 50 per cent in the seventh grade.</u>					
First Commandment	937	30.34	35.86	5.52	<hr/> 1
<u>Section 6. a. Students show a gain of 0.0 to 4.9 per cent on these facts. They score over 50 per cent in the seventh grade.</u>					
Commandments in General	744	81.33	83.08	1.75	
	745	88.15	89.04	.89	
	748	67.76	72.19	4.43	3
Sin	764	81.54	83.16	1.62	1
First Commandment	916	83.38	84.38	1.00	
	919	88.11	90.59	2.48	
	923	79.98	80.37	.39	
	995	82.71	83.36	.65	4

TABLE XIII (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Second Commandment	1053	85.02	89.07	4.05	1
Third Commandment	1100	89.26	92.58	3.32	1
Fourth Commandment	1127	89.58	94.06	4.48	3
	1129	89.19	93.67	4.48	
	1130	89.25	94.15	4.90	
Fifth Commandment	1222	78.89	82.92	4.03	1
Sixth and Ninth Commandments	1235	89.03	91.33	2.30	2
	1245	89.49	93.37	3.88	
Seventh and Tenth Commandments	1267	89.14	89.81	.67	2
	1278	87.98	89.88	1.90	
Second Commandment of the Church	1377	55.36	55.95	.59	2
	1388	58.84	62.82	3.98	
Third Commandment of the Church	1414	55.71	57.31	1.60	1
Vice and Special Sin	1444	88.73	93.14	4.41	$\frac{1}{22}$
<u>Section 6.</u> b. Students show a gain of 0.0 to 4.9 per cent on these facts. They score under 50 per cent in the seventh grade.					
First Commandment	922	25.88	29.94	4.06	$\frac{1}{1}$
<u>Section 7.</u> On these test items students show a loss.					
Sin	771	75.59	75.47	.12	1
First Commandment	930	88.08	88.04	.04	1
Second Commandment	1022	76.47	74.64	1.83	1
Fifth Commandment	1188	80.84	75.12	5.72	2
	1192	92.20	82.92	9.28	
Sixth and Ninth Commandments	1253	89.47	88.78	.69	1
Eighth Commandment	1315	77.18	73.94	3.24	1
Vice and Special Sin	1445	45.31	44.19	1.12	$\frac{1}{8}$



2

In the second major division of subject matter, the Commandments, more than 90 per cent of the students of the seventh grade can answer seventy-seven of the 369 test questions or 21 per cent of the questions pertaining to the Commandments. This percentage of knowledge exceeds that of the Apostles' Creed by 8 per cent. The data on the whole indicate that the essentials on the Commandments receive more attention in the classroom or are better known by children in the higher grades of the elementary school. At no time need these seventy-seven doctrinal truths be taught to the class as a whole during the four years of high school.

The students show a substantial gain, 20 per cent or more, over a period of five years, with respect to seventy-eight doctrinal truths.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
47	Over 50.0	9	Over 95.0
		18	90.0-94.9
		19	75.0-89.9
		1	Under 75.0
31	Under 50.0	14	75.0-89.9
<hr/>		<hr/> 17	Under 75.0
78		78	

Despite the substantial growth, the achievement in the twelfth grade is perfect only as regards ten test items. The eighteen doctrinal truths which 90.0 to 94.9 per cent of the students know have been learned fairly satisfactory. All the other facts, fifty in number, have not been adequately learned.

The data show sixty facts on which the knowledge of students advances 10 to 19.9 per cent.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
47	Over 50.0	14	Over 95.0
		16	90.0-94.9
		12	75.0-89.9
		5	Under 75.0
<u>13</u>	Under 50.0	<u>13</u>	Under 75.0
60		60	

Although the growth of students' knowledge as regards these facts is fairly satisfactory, the achievement is practically perfect only with respect to fourteen of the facts. The sixteen truths which 90.0 to 94.9 per cent of the students know have been fairly well learned. The remaining thirty facts require more attention, either in the form of individual guidance or classroom instruction.

On an equally large number of facts, sixty-three, the results show an increase of 10.0 to 14.9 per cent.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
60	Over 50.0	24	Over 95.0
		14	90.0-94.9
		20	75.0-89.9
		2	Under 75.0
<u>3</u>	Under 50.0	<u>3</u>	Under 75.0
63		63	

Only twenty-four of these facts have been learned perfectly. Occasional testing would identify the small percentage of students who do not know the fourteen facts, as indicated on the table. The remaining three facts have been satisfactorily learned.

A less satisfactory growth, 5.0 to 9.9 per cent, is evident on sixty facts.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
59	Over 50.0	22	Over 95.0
		13	90.0-94.9
		17	75.0-89.9
		7	Under 75.0
<u>1</u>	Under 50.0	<u>1</u>	Under 75.0
60		60	

The twenty-two facts which more than 95 per cent of the students know need not be taught at any time in the course of the four years of high school to the entire class, since at least 85 per cent of the seventh-grade students know these facts. A large per cent of improvement is impossible. The thirteen facts which 90 to 94.9 per cent of the students know in the twelfth grade should have been known perfectly, since at least 80 per cent of the seventh-grade students know these facts. As regards the remaining twenty-five facts, both growth and achievement are unsatisfactory.

The students show a gain of less than 5.0 per cent on twenty-three test items

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
22	Over 50.0	8	90.0-94.9
		10	75.0-89.9
		4	Under 75.0
<u>1</u>	Under 50.0	<u>1</u>	Under 75.0
23		23	

All of the doctrinal truths listed in this section require some attention. The eight questions which 90 to 94.9 per cent of the twelfth-grade

Students answer correctly should be known perfectly, since at least 85 per cent of the seventh grade students can answer these questions. Knowledge of the remaining fifteen facts is unsatisfactory with regard to growth and achievement.

There are eight facts on which the knowledge of students shows a decrease in the twelfth grade. If these facts are divided into two groups, those which more than 75 per cent of the seventh-grade students know and those which less than 75 per cent know, we find that seven of the facts fall in the first group. These are fairly well known in the seventh grade. Individual guidance given to those students who need it should make these truths known perfectly by all the students. The remaining fact has been definitely neglected.

### C. The Means of Grace

Table XIV presents the same data with reference to the Means of Grace. Table XII gives with reference to the Apostles' Creed and Table XIII with respect to the Commandments.

Table XIV shows the percentage of gain or loss on students' knowledge for a period of five years, grades seven to twelve, with respect to the individual essentials applying to the Means of Grace, arranged according to topical divisions.

TABLE XIV -- PERCENTAGES OF GAIN OR LOSS ON TEST ITEMS  
PERTAINING TO THE MEANS OF GRACE, FROM GRADE 7 TO GRADE 12

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Section 1. More than 90 per cent of the seventh grade students know these facts.					
Sacraments in General	1562	96.18	98.94	2.76	8
	1563	94.89	98.49	3.60	
	1564	94.80	98.60	3.80	
	1565	95.08	97.80	2.72	
	1566	93.98	98.49	4.51	
	1567	94.16	98.26	4.10	
	1568	93.21	97.69	4.48	
	1587	91.56	95.28	3.71	
Baptism	1621	94.25	99.40	5.15	5
	1624	95.09	98.77	3.68	
	1634	95.10	97.85	2.75	
	1638	94.51	98.80	4.29	
	1652	94.98	98.69	3.71	
Confirmation	1664	91.21	96.60	5.39	1
The Holy Eucharist	1708	90.31	98.49	8.18	11
	1718	91.50	97.33	5.83	
	1728	93.19	99.16	5.97	
	1729A	96.49	99.46	2.97	
	1729B	94.98	98.69	3.71	
	1734	94.59	96.05	1.46	
	1744	95.22	98.26	3.04	
	1745	92.08	98.40	6.32	
	1751	90.42	98.03	7.61	
	1773	91.96	97.83	5.87	
	1776	93.79	99.44	5.65	
The Sacrifice of the Mass	1793	94.39	98.71	4.32	3
	1795	93.53	97.55	4.02	
	1810	96.46	98.78	2.32	
Penance	1849	93.79	98.26	4.47	
	1850	91.45	94.95	3.50	
	1855	90.98	97.14	6.16	
	1859	93.36	98.79	5.43	
	1861	91.80	99.11	7.31	

TABLE XIV (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Penance	1856	58.09	84.97	26.88	
	1865	71.74	94.82	23.08	
	1882	62.33	87.19	24.86	
	1907	65.69	88.41	22.72	
	1915	71.41	92.77	21.36	5
Indulgences	1969	62.93	93.38	30.45	
	1923	63.65	93.74	30.09	2
Matrimony	2092	71.81	95.15	23.34	
	2102	61.17	95.94	34.77	
	2112	74.05	95.99	21.94	
	2113	59.60	80.39	20.79	
	2114	64.61	86.33	21.72	
	2134	74.13	94.60	20.47	6
Sacramentals	2164	56.96	87.59	30.63	
	2166	63.02	85.44	32.42	
	2168	64.85	88.08	23.23	3
					28

Section 2. b. Students show a gain of 20.0 or more on these facts. They score under 50 per cent in the seventh grade.

Baptism	1631	34.56	72.56	38.00	1
The Holy Eucharist	1730	45.36	69.49	24.13	1
Penance	1829	45.93	81.53	35.60	
	1880	48.93	69.85	20.92	
	1884	24.69	47.14	22.45	
	1888	49.75	76.76	29.01	
	1905	20.27	47.69	27.42	
	1917	17.53	59.88	42.35	6
Indulgences	1950	44.83	76.88	32.05	
	1962	49.91	71.23	21.32	2
Holy Orders	2084	19.57	50.54	30.97	1
Matrimony	2110	32.67	85.05	52.38	
	2150	47.64	87.59	39.95	2
					13

TABLE XIV (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
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Section 3. a. Students show a gain of 15.0 to 19.9 per cent on these facts. They score over 50 per cent in the seventh grade.

Grace	1493	68.15	87.92	19.77	1
Prayer	1536	66.50	84.17	17.67	1
Sacraments in General	1552	72.08	71.99	19.48	2
	1569	52.51	71.99	19.48	
Baptism	1632	69.38	88.28	19.90	2
	1643	77.95	96.56	18.61	
The Holy Eucharist	1712	74.50	90.00	15.50	1
Penance	1847	76.48	92.12	15.64	5
	1858	54.13	69.86	15.73	
	1862	56.26	74.72	18.46	
	1894	73.28	93.23	19.95	
	1906	79.28	96.33	17.05	
Indulgences	1954	51.14	70.78	19.64	2
	1957	64.38	82.97	18.59	
Extreme Unction	2025	73.02	92.11	19.09	2
	2026	73.28	89.85	16.57	
Matrimony	2095	74.41	89.46	15.05	2
	2099	74.41	92.06	17.65	
					18

Section 3. b. Students show a gain of 15.0 to 19.9 per cent on these facts. They score under 50 per cent in the seventh grade.

Grace	1491	39.72	57.76	18.04	1
Prayer	1542	45.48	64.94	19.46	1
Sacraments in General	1596	43.43	61.49	18.06	1
The Holy Eucharist	1720	23.14	42.77	19.63	1

TABLE XIV (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Penance	1830	20.51	37.88	17.37	
	1836	25.83	42.25	16.42	
	1876	40.34	56.86	16.52	<u>3</u> 7
Section 4. a. Students show a gain of 10.0 to 14.9 per cent on these facts. They score over 50 per cent in the seventh grade.					
Grace	1480	77.77	88.26	10.49	
	1498	86.37	96.99	10.62	
	1525	83.58	95.46	11.88	3
Sacraments in General	1570	77.44	91.59	14.15	1
Baptism	1617	63.46	76.09	12.63	
	1627	71.97	82.69	10.72	
	1650	74.47	85.31	10.84	3
The Holy Eucharist	1719	55.03	68.29	13.26	
	1726A	79.69	92.88	13.19	
	1726B	80.84	92.98	12.14	
	1731	55.10	67.49	12.31	
	1732	84.77	95.76	10.99	
	1743	83.68	95.05	11.37	6
The Sacrifice of the Mass	1782	85.16	96.10	10.94	1
Penance	1845	85.63	95.82	10.19	
	1854	69.47	79.80	10.33	
	1866	82.74	96.77	14.03	
	1879	66.08	79.09	13.01	
	1909	66.56	78.65	12.09	
	1910	80.69	92.69	12.00	
	1912	70.73	83.80	13.07	
	1938	75.25	89.52	14.27	8
Extreme Unction	2023	81.00	93.84	12.84	1
Matrimony	2101	78.05	88.25	10.20	
	2132	84.14	94.23	10.09	2
Sacramentals	2157	78.98	93.31	14.33	
	2170B	51.19	66.12	14.93	<u>2</u> 27



TABLE XIV (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
<u>Section 4.</u> b. Students show a gain of 10.0 to 14.9 per cent on these facts. They score under 50 per cent in the seventh grade.					
Confirmation	1672	21.46	33.51	12.05	1
Penance	1831	16.94	27.49	10.55	2
	1851A	44.43	57.22	12.79	
Extreme Unction	2007	49.72	60.11	10.39	<u>1</u> 4
<u>Section 5.</u> a. Students show a gain of 5.0 to 9.9 per cent on these facts. They score over 50 per cent in the seventh grade.					
Grace	1515	74.10	82.98	8.88	1
Prayer	1537	87.66	97.05	9.39	3
	1538	87.56	93.72	6.16	
	1550	86.79	95.17	8.38	
Sacraments in General	1553	89.59	98.61	9.02	2
	1606	78.13	84.97	6.64	
Baptism	1608	87.35	95.75	8.40	4
	1609	89.66	94.85	5.19	
	1611	74.56	80.31	5.75	
	1639	64.49	70.02	5.53	
Confirmation	1658	87.76	94.69	6.93	2
	1670	87.95	93.64	5.69	
The Holy Eucharist	1733	89.70	97.25	7.55	3
	1735	85.09	94.62	9.53	
	1752	70.34	77.24	6.90	
The Sacrifice of the Mass	1787	76.96	84.81	7.85	1
Penance	1827	89.00	95.17	6.17	4
	1842	85.51	93.00	7.58	
	1886	85.18	91.78	6.60	
	1920	89.83	97.60	7.77	

TABLE XIV (CONTINUED)

TOPIC	TEST ITEM	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Extreme Unction	1998	88.54	95.72	7.18	2
	2009	82.98	90.19	7.21	
ly Orders	2065	87.09	95.60	8.51	1
Matrimony	2100	81.05	90.51	9.46	9
	2104	86.32	94.30	7.98	
	2115	88.48	93.49	5.01	
	2118	86.95	94.10	7.15	
	2119	65.00	71.98	6.98	
	2125	86.23	95.28	9.05	
	2131	82.15	88.60	6.45	
	2149	67.48	75.55	8.07	
	2156	89.21	98.15	8.94	
ramentals	2163	87.36	96.98	9.62	1
					33
Section 5. b. Students show a gain of 5.0 to 9.9 per cent on these facts. They score under 50 per cent in the seventh grade.					
Grace	1517	30.42	39.89	9.47	1
Section 6. a. Students show a gain of 0.0 to 4.9 per cent on these facts. They score over 50 per cent in the seventh grade.					
Prayer	1543	88.88	91.23	2.35	1
Baptism	1610	85.92	87.13	1.21	1
The Sacrifice of the Mass	1788	83.29	85.11	1.82	1
Finance	1835	89.66	94.57	4.91	2
	1857	81.52	83.72	2.20	
Extreme Unction	2013	79.80	81.94	2.14	1
Matrimony	2096	70.89	71.45	.56	2
	2130	61.43	64.95	3.52	

TABLE XIV (CONTINUED)

TOPIC	TEST ITEMS	GRADE 7	GRADE 12	INCORRECT	TOTAL ITEMS
Sacramentals	2167 2169	74.88 83.98	79.27 88.17	4.39 4.19	<u>2</u> 10
Section 6. b. Students show a gain of 0.0 to 4.9 per cent on these facts. They score under 50 per cent in the seventh grade.					
Grace	1487	34.08	38.23	4.15	1
Baptism	1640	22.69	23.05	.36	1
Penance	1877	28.07	29.25	1.18	<u>1</u> 3
Section 7. On these items students show a loss.					
Grace	1513	22.91	18.46	4.45	1
The Sacrifice of the Mass	1794	90.08	83.79	6.29	1
Penance	1832 1851A 1926	91.38 49.62 83.15	89.91 31.60 70.97	1.47 18.02 12.18	<u>3</u> 5

Under the third major division of subject matter there are fifty-one facts which more than 90 per cent of the seventh-grade students know. This is approximately 25 per cent of the total number of essentials pertaining to the Means of Grace; it exceeds those pertaining to the Commandments by 4 per cent and those of the Apostles' Creed by 12 per cent.

Students show a gain of 20 per cent or more in regard to forty-one facts.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
28	Over 50.0	4	Over 95.0
		11	90.0-94.9
		13	75.0-89.9
13	Under 50.0	5	75.0-89.9
<hr/>		<hr/> 8	Under 75.0
41		41	

Again we may say that the increase of 20 per cent or more is substantial when considered in terms of growth only, but despite the satisfactory growth 100 per cent achievement has not been attained. Only four of the forty-one facts have been learned perfectly. A small percentage fail to answer correctly eleven of the test questions. The remaining twenty-six truths have not been satisfactorily learned despite the increase.

students show a gain of 15.0 to 19.9 per cent with respect to twenty-five test items. This may be termed a fairly satisfactory growth.\*

Achievement in the Seventh Grade      Achievement in the Twelfth Grade

No. of Items	Per cent	No. of Items	Per cent
18	Over 50.0	2	Over 95.0
		5	90.0-94.9
		6	75.0-89.9
		5	Under 75.0
<u>7</u>	Under 50.0	<u>7</u>	Under 75.0
25		25	

Only two of these essentials are known perfectly by the twelfth-grade students. A small percentage, 5.0 to 9.9 per cent, do not know five of the facts. The remaining eighteen facts have not been adequately learned, despite the satisfactory increase.

Students show an advance of 10.0 to 14.9 per cent on thirty-one facts.

Achievement in the Seventh Grade      Achievement in the Twelfth Grade

No. of Items	Per cent	No. of Items	Per cent
27	Over 50.0	7	Over 95.0
		7	90.0-94.9
		10	75.0-89.9
		3	Under 75.0
<u>4</u>	Under 50.0	<u>4</u>	Under 75.0
31		31	

Only seven of these truths have been learned by practically all the twelfth-grade students. Seven facts, as indicated above, have not been learned by a small minority. The remaining seventeen facts have not been satisfactorily learned.

An advance of 5.0 to 9.9 per cent is shown with respect to thirty-four facts.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
33	Over 50.0	12	Over 95.0
		12	90.0-94.9
		7	75.0-89.9
		2	Under 75.0
<u>1</u>	Under 50.0	<u>1</u>	Under 75.0
34		34	

From the standpoint of growth an increase of 5.0 to 9.9 per cent is unsatisfactory. However, data reveal that with respect to twenty-four of the essentials much growth was impossible. At least 80 per cent of the seventh-grade students know these facts. The results on the remaining ten test items are unsatisfactory both with respect to growth and achievement.

On thirteen facts students show a gain of less than 5.0 per cent.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
10	Over 50.0	2	Over 95.0
		6	90.0-94.9
		2	75.0-89.9
<u>3</u>	Under 50.0	<u>3</u>	Under 75.0
13		13	

Not less than 85 per cent of the seventh-grade students know eight of the thirteen facts in this group. Yet after a period of five years, a small minority of students are still ignorant of six of these facts. As regards the remaining five facts, growth and achievement are unsatisfactory.

2

There are five test questions pertaining to the Means of Grace to which the percentage of correct responses show a decrease from the seventh to the twelfth grade. Over 75 per cent of the seventh grade students know three of the facts and under 75 per cent know the remaining two. All five facts have been neglected in high-school instruction, but the three facts known by over 75 per cent of the seventh-grade students need be taught only to those students who do not possess the necessary knowledge; the other two facts should be taught to the entire class.

Table XV summarizes the data presented on Tables XII, XIII, and XIV by topics under the three major divisions of subject matter, the Apostles' Creed, the Commandments, and the Means of Grace. The table may be read as follows: "In the seventh grade 90 per cent or more of the students know fifty-seven of the facts. Students show a gain of 20 per cent or more on 56 plus 39 facts. Over 50 per cent of the students in the seventh grade know 56 of these facts, and under 50 per cent know 39 of the facts. Students show a gain of 15.0 to 19.9 per cent on 45 plus 7 facts. Over 50 per cent of the seventh-grade students know 45 of these facts, and under 50 per cent know the remaining seven. Students show a gain of 10.0 to 14.9 per cent on 39 plus 7 facts. Over 50 per cent of the seventh-grade students know 39 of the facts and under 50 per cent know 7. Students show a gain of 5.0 to 9.9 per cent on 59 plus 4 facts. In the seventh grade over 50 per cent know 59 of the facts and under 50 per cent know 4. Students show a gain of 0.0 to 4.9 per cent on 22 plus 5 facts. In the seventh grade over 50 per cent know 22 of these facts and under 50 per cent know 5 facts. The per cent of students who know 22 facts is less at the end of the twelfth grade than at the end of the seventh grade. The total number of test items pertaining to the Apostles' Creed is 362." The data on each of the topics may be read in the same way.

TABLE XV--A SUMMARY OF RESULTS SHOWING THE PERCENTAGES OF GAIN OR LOSS  
OVER A PERIOD OF FIVE YEARS, GRADES 7-12

TOPIC	Per cent	Growth 20.0 or more		Growth 15.0-19.99		Growth 10.0-14.99		Growth 5.0-9.99		Growth 0.0-4.99		Items showing a loss	TOTAL ITEMS
		50.0 or more in 7th grade	49.99 or less in 7th grade	50.0 or more in 7th grade	49.99 or less in 7th grade	50.0 or more in 7th grade	49.99 or less in 7th grade	50.0 or more in 7th grade	49.99 or less in 7th grade	50.0 or more in 7th grade	49.99 or less in 7th grade		
THE APOSTLES' CREED	57	56	39	45	7	39	7	59	4	22	5	22	362
First Article	3	6	5	4	1	4	1	2		2			28
Scrip. and Trad.	1	1	4	1		1		4				1	13
God and His Attr.	9	5	3	5		3	1	4			1	2	33
Blessed Trinity	4	3	1	2				2		2		1	15
Creation	1		2	1	1	2		1			1	1	10
Man and His Fall	8	3	4	3	1	4		7		3		2	35
The Angels		1		1			1	3		2		1	9
Second Article	2	2	1	1		1		1		1		1	10
Third Article	4	8	2	2		1		4		4	1	3	29
Fourth Article				2		1		1	1			2	7
Fifth Article		1	1			2							4
Sixth Article	1		1			1		2			1		6
Seventh Article	2	1	3	2	1			1		1			11
Eighth Article					1			3					4
Ninth Article	2	12	12	2		2	1	2		2		1	52



TABLE XV (CONTINUED)

	Per cent	90.0 or more in 7th grade	Growth 20.0 or + 50.0 or more in 7th grade	49.99 or less in 7th grade	Growth 15.0-19.99 50.0 or more in 7th grade	49.99 or less in 7th grade	Growth 10.0-14.99 50.0 or more in 7th grade	49.99 or less in 7th grade	Growth 5.0-9.99 50.0 or more in 7th grade	49.99 or less in 7th grade	Growth 0.0-4.99 50.0 or more in 7th grade	49.99 or less in 7th grade	Items showing a loss	TOTAL ITEMS
Marks of Church	1	1	1	2	2	4	2	1	1					15
No Salv. Outside	1		1	2			1						1	6
Communion of Saints	3	1	1			1	3	1					1	11
Tenth Article	1			1		1	2		1					6
Eleventh Article	1		1			1								3
Twelfth Article	2		1	3		1	3	2	1				2	15
Found. Principles	2	1	2			1		1		1				8
Christian Ideal	2	10	3	5		3		6		2	1			32
COMMANDMENTS	77	46	32	47	13	60	3	59	1	22	1	8		369
Com. General	1	1				2		6		3				13
Sin	7	7	6	4		6		9		1		1		41
Two Great Com.	4	3	2	4	1	5		5						24
First Commandment	6	4	4	6	1	11		9	1	4	1	1		48
Second Commandment	4	4	4	5		3	1	1		1		1		24
Third Commandment	7	2	1	2	4	1		2		1				20
Fourth Commandment	15	5	3	3		9		2		3				40

TABLE IV (CONTINUED)

TOPIC	Per cent 90.0 or more in 7th Grade	Growth 20.0 or + 50.0 or more in 7th Grade		Growth 15.0-19.99 50.0 or more in 7th Grade		Growth 10.0-14.99 50.0 or more in 7th Grade		Growth 5.0-9.99 50.0 or more in 7th Grade		Growth 0.0-4.99 50.0 or more in 7th Grade		Items showing a loss	TOTAL ITEMS
		49.99 or less in 7th Grade	49.99 or less in 7th Grade	49.99 or less in 7th Grade	49.99 or less in 7th Grade	49.99 or less in 7th Grade	49.99 or less in 7th Grade	49.99 or less in 7th Grade	49.99 or less in 7th Grade	49.99 or less in 7th Grade	49.99 or less in 7th Grade		
Fifth Commandment	8	2		3	1	5		4		1		2	26
Sixth and Ninth	9	4		3		3		4		2		1	26
Seventh and Tenth	6	5	3	3	1	4		8		2			32
Eighth Commandment	2	3	4	4	3	1	1	4				1	23
Com. of Church		1	2	1		3		2					9
1st Com.-Church	1												1
2nd Com.-Church	1	1	1	3	2	5				2			15
3rd Com.-Church		1								1			2
4th Com.-Church	1					1		1					3
5th Com.-Church				1									1
6th Com.-Church		1											1
Vice and Special Sin	5	2	2	5		1	1	2		1		1	20
MEANS OF GRACE	51	28	13	18	7	27	4	33	1	10	3	5	200
Grace		3		1	1	3		1	1		1	1	12
Prayer		2		1	1			3		1			8

TABLE XV (CONTINUED)

TOPIC	Per cent 90.0 or more in 7th Grade	Growth 20.0 or +		Growth 15.0-19.99		Growth 10.0-14.9		Growth 5.0-9.99		Growth 0.0-4.99		Items showing a loss	TOTAL ITEMS
		50.0 or more in 7th Grade	49.99 or less in 7th Grade	50.0 or more in 7th Grade	49.99 or less in 7th Grade	50.0 or more in 7th Grade	49.99 or less in 7th Grade	50.0 or more in 7th Grade	49.99 or less in 7th Grade	50.0 or more in 7th Grade	49.99 or less in 7th Grade		
Sacraments-General	8	2		2	1	1		2					16
Baptism	5		1	2		3		4		1	1		17
Confirmation	1						1	2					4
The Holy Eucharist	11	5	1	1	1	6		3					28
Sacrifice of Mass	3					1		1		1		1	7
Penance	13	5	6	5	3	8	2	4		2	1	3	52
Indulgences		2	2	2									6
Extreme Unction	2			2		1	1	2		1			9
Holy Orders	1		1					1					3
Matrimony	5	6	2	2		2		9		2			28
Sacramentals	2	3				2		1		2			10
TOTAL	185	130	84	110	27	126	14	151	6	54	9	35	931

Table XVI offers a complete summary of the minimum essentials with respect to growth and achievement. The first column indicates the percentage of achievement in the seventh and twelfth grades. The following three columns give the number of test items for each of the three main divisions of subject matter, the Apostles' Creed, the Commandments, and the Means of Grace. The fourth column presents the total number of items. The last column interprets briefly the results as to both growth and achievement. The table may be read from left to right for a comparative study of the essentials pertaining to the three fields of doctrinal truths, or the table may be read downward for a comparative study of the essentials within each of the three major divisions of subject matter.

TABLE XVI -- SUMMARY PRESENTING THE PERCENTAGES OF GAIN OR LOSS  
FROM GRADE 7 to GRADE 12 AND INTERPRETATION OF RESULTS

Achievement in Per cent Seventh Grade - Twelfth Grade		Apostles' Creed	Commandments	Means of Grace	Total Number	R E S U L T S Growth Achievement	
Over 90% of the Seventh-Grade students know these facts		57	77	51	185	Require no class instruction in high school	
Increase 20% or more	Over 50.0 Over 95.0	6	9	4	19	Substantial	Practically perfect
	Over 50.0 90.0 to 94.9	19	18	11	48	Substantial	5 to 10 per cent do not know these
	Over 50.0 75.0 to 89.9	31	19	13	63	Substantial	Unsatisfactory
	Under 50.0 Over 95.0		1		1	Substantial	Practically perfect
	Under 50.0 90.0 to 94.9	2			2	Substantial	5 to 10 per cent do not know these
	Under 50.0 75.0 to 89.9	18	14	5	37	Substantial	Unsatisfactory
	Under 50.0 Under 75.0	19	17	8	44	Substantial	Decidedly unsatisfactory
		95	78	41	214		
Increase 15.0 to 19.9%	Over 50.0 Over 95.0	14	14	2	30	Satisfactory	Practically Perfect
	Over 50.0 90.0 to 94.9	12	16	5	33	Satisfactory	5 to 10 per cent do not know these
	Over 50.0 75.0 to 89.9	16	12	6	34	Satisfactory	Unsatisfactory
	Over 50.0 Under 75.0	3	5	5	13	Satisfactory	Decidedly unsatisfactory
	Under 50.0 Under 75.0	7	13	7	27	Satisfactory	Decidedly unsatisfactory

TABLE XVI (Continued)

Achievement in Per cent <u>Seventh Grade</u> - <u>Twelfth Grade</u>		Apostles' Creed	Commandments	Means of Grace	Total Number	R E S U L T S <u>Growth</u> <u>Achievement</u>	
Increase 10 to 14%	Over 50.0      Over 95.0	12	24	7	43	Reasonable	Practically perfect
	Over 50.0      90.0 to 94.9	10	14	7	31	Reasonable	5 to 10 per cent do not know these
	Over 50.0      75.0 to 89.9	8	20	10	38	Reasonable	Unsatisfactory
	Over 50.0      Under 75.0	9	2	3	14	Reasonable	Decidedly unsatisfactory
	Under 50.0      Under 75.0	7	3	4	14	Reasonable	Decidedly unsatisfactory
		46	63	31	140		
Increase 5 to 9%	Over 50.0      Over 95.0	24	22	12	58	Poor	Practically perfect
	Over 50.0      90.0 to 94.9	12	13	12	37	Poor	5 to 10 per cent do not know these
	Over 50.0      75.0 to 89.9	19	17	7	43	Poor	Unsatisfactory
	Over 50.0      Under 75.0	4	7	2	13	Poor	Decidedly unsatis- factory
	Under 50.0      Under 75.0	4	1	1	6	Poor	Decidedly unsatisfactory
		63	60	34	157		

TABLE XVI (Continued)

Achievement in Per cent Seventh Grade - Twelfth Grade		Apostles' Creed	Commandments	Means of Grace	Total Number	R E S U L T S Growth Achievement	
Increase 0.0 to 4%	Over 50.0      90.0	7	8	2	17	Poor	5 to 10 per cent do not know these
	Over 50.0      75.0 to 89.9	7	10	6	23	Poor	Unsatisfactory
	Over 50.0      Under 75.0	8	4	2	14	Poor	Decidedly unsatisfactory
	Under 50.0      Under 75.0	5	1	3	9	Poor	Decidedly unsatisfactory
		27	23	13	63		
Decrease	Over 75.0	10	7	3	20	Loss	Unsatisfactory
	Under 75.0	12	1	2	15	Loss	Decidedly unsatisfactory
		22	8	5	35		

#### D. The Total Number of Essentials

So far in the analysis and interpretation of the data concerning growth and achievement, the essentials pertaining to each of the three major divisions of subject matter have been considered separately. As stated previously each individual test item may be identified by referring to Tables XII, XIII and XIV. A summary of the data is presented on Table XV.

The total results will now be analyzed and discussed according to the same plan as that followed in the discussion of the results under each of the major divisions.

More than 90 per cent of the seventh-grade students can answer correctly 185 test questions. (See Table XV.) There seems to be no justification for teaching these facts in high school. However, occasional testing or checking is advisable to strengthen impressions and to offset any forgetting that may occur. This conclusion is borne out by the data of the present study.

Students show a substantial increase, 20 per cent or more, on 214 facts

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
130	Over 50.0	19	Over 95.0
		48	90.0-94.9
		63	75.0-89.9
	Under 50.0	1	Over 95.0
		2	90.0-94.9
		37	75.0-89.9
<u>84</u>		<u>44</u>	Under 75.0
214		214	

A 20 per cent increase may be considered substantial growth, but a study of the data reveals that despite this increase only twenty of the 214 facts



are known by all the twelfth-grade students. A small minority (5 to 10 per cent) do not know fifty of the facts. Provision should be made for imparting knowledge to this small percentage through systematic checking or testing and individual instruction. One hundred of these facts have not been satisfactorily learned, since a certain per cent (11 to 25) do not know them. Forty-four of the truths which less than 75 per cent of the twelfth-grade students know may be called neglected facts despite the gain in knowledge.

On 137 facts, students show an advance of 15.0 to 19.9 per cent. This may be considered a satisfactory growth.

Achievement in the Seventh Grade

Achievement in the Twelfth Grade

No. of Items      Per cent

110              Over 50.0

27              Under 50.0

137

No. of Items      Per cent

30              Over 95.0

33              90.0-94.9

34              75.0-89.9

13              Under 75.0

27              Under 75.0

137

Thirty of these truths have been well learned in the twelfth grade. A small percentage of twelfth-grade students (5 to 10 per cent) are still ignorant of thirty-three of these facts. Thirty-four facts have not been satisfactorily learned, since the percentage of students answering these questions correctly ranges from 75.0 to 89.9 per cent. Despite the reasonable growth (15.0 to 19.9 per cent) the achievement is decidedly unsatisfactory, since less than 75 per cent of the twelfth-grade students know these facts.

The students show an increase of 10.0 to 14.9 per cent with respect to 140 facts.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
126	Over 50.0	43	Over 95.0
		31	90.0-94.9
		38	75.0-89.9
		14	Under 75.0
<u>14</u>	Under 50.0	<u>14</u>	Under 75.0
140		140	

In the twelfth grade forty-three of these facts have been mastered. A small per cent (5.0 to 9.9) fail to know thirty-one of the truths. A larger per cent (10.0 to 24.0) do not know thirty-eight of the facts. The remaining twenty-eight may be classed as neglected truths, since less than 75 per cent of the students know these truths.

With respect to 157 facts there is an increase of 5.0 to 9.9 per cent. In terms of growth this may be considered an unsatisfactory increase.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
151	Over 50.0	58	Over 95.0
		37	90.0-94.9
		43	75.0-89.9
		13	Under 75.0
<u>6</u>	Under 50.0	<u>6</u>	Under 75.0
157		157	

The students' knowledge with respect to fifty-eight of these facts is practically perfect in the twelfth grade. A small per cent (5.0 to 9.9) do not know thirty-seven of these facts. Occasional testing followed by

Individual guidance, where needed, should enable all twelfth-grade students to know these facts perfectly, since in the seventh grade at least 80 per cent of the students know these truths. Forty-three of these essentials have not been satisfactorily learned, since only 75.0 to 89.9 per cent of the twelfth-grade students know them. Results on the remaining nineteen facts are unsatisfactory both as regards growth and achievement.

There are sixty-three facts on which students show less than 5.0 per cent growth.

<u>Achievement in the Seventh Grade</u>		<u>Achievement in the Twelfth Grade</u>	
No. of Items	Per cent	No. of Items	Per cent
54	Over 50.0	17	90.0-94.9
		23	75.0-89.9
		14	Under 75.0
<u>9</u>	Under 75.0	<u>9</u>	Under 75.0
63		63	

An advance of less than 5 per cent over a period of five years is unsatisfactory growth. However, it is necessary to consider the achievement in the seventh grade. At that level, 17 of these facts are known by at least 85 per cent of the students. With a little individual guidance the small percentage of the students who are ignorant of these truths should easily learn them. There are twenty-three facts which 75.0 to 89.9 per cent of the students know. Both growth and achievement are unsatisfactory. The remaining twenty-three facts have been neglected; knowledge is decidedly unsatisfactory with respect to growth and achievement.

Thirty-five facts have been neglected in high school, since the percentage of students' knowledge is less in the twelfth grade than in the seventh grade. In the seventh grade at least 75 per cent of the students know twenty of these facts. Occasional checking and testing would reveal those students who lack the necessary knowledge and enable the teacher to give the needed help or guidance. The other fifteen minimum essentials have been definitely neglected, since less than 75 per cent of the seventh-grade students know them.

### Summary

From the study of the results of the 931 test questions with respect to growth and achievement the following objective statements and inferences may be drawn.

### Findings and Conclusions

1. By the end of the seventh grade more than 90 per cent of the students know 185 minimum essentials. Fifty-seven pertain to the Apostles' Creed, seventy-seven to the Commandments, and fifty-one to the Means of Grace. There is no justification for teaching these doctrinal truths in high school, but occasional checking and testing for retention seem advisable.

2. The following table summarizes the percentages of gain students show over a period of five years and the achievement at the end of the twelfth grade.

Growth--Per centAchievement in the Twelfth Grade

	Number of Essentials	Practically perfect	5 to 10 per cent do not know	Unsatis- factory	Decidedly unsatis- factory
20 per cent or more	214	20	50	100	44
15.0 to 19.9	137	30	33	34	40
10.0 to 14.9	140	43	31	38	28
5.0 to 9.9	157	58	37	43	19
0.0 to 4.9	63		17	23	23

3. Thirty-five facts are better known in the seventh grade than in the twelfth grade. The decrease ranges from 1 to 29 per cent. In the seventh grade over 75 per cent of the students know twenty of these facts and under 75 per cent know the remaining fifteen facts.

Recommendations

4. In writing a series of textbooks for the teaching of high-school religion or in the compiling of a handbook for the teaching of the minimum essentials, the data of the present study provide at least a partial solution in determining the relative amount of emphasis that should be allotted to the teaching of the fundamental doctrinal truths.

## CHAPTER X

### GENERAL SUMMARY AND CONCLUSIONS

The content of the religious curriculum in high school constitutes one of the most important problems of Catholic education. Studies in the past have been chiefly of a philosophical nature. Religious educators agree that the extensive range of subject matter in religious doctrine and the limited time for religious instruction demand a careful selection so that Catholic youth may know well a basic fund of truths which they must believe and may have a thorough knowledge of the virtues which they must practice. The first experimental studies attacking directly the problem of essentials were undertaken by the Department of Education, at Loyola University. The present study forms a unit of these research studies.

The purpose of the present investigation was to discover to what extent students in Grades 7 through 12 had mastered that fund of doctrinal truths or facts adjudged by 329 Catholic educators from all parts of the nation as minimum essentials in high-school religion. The term "minimum essentials" as used in this study means that core of factual information which every Catholic boy and girl who graduates from high school should know perfectly. These minimum essentials are limited to factual information, not because other outcomes of religious instruction are here undervalued, but because factual information adapts itself most readily to measurement. It is hoped that the results will stimulate further research that lead to other outcomes of teaching, such as interests, appreciation, and attitudes.

### The Technic of the Study

The first step in the investigation was to construct the 931 essential in the form of objective test questions: true-false, multiple-choice, completion, best-answer, situations, and matching tests. The tester was guided by two principles: (1) To put the fact into the best possible type of test; and (2) to see that the test question tested the fact that it was purported to test. Since it was of the utmost importance that these test questions be theologically correct, they were submitted to theologians and also to test experts for criticism. As it was inadvisable to administer all the test questions to one student, the questions were distributed into eight forms, each of which contained a sampling of facts from the Apostles' Creed, the Commandments, and the Means of Grace. Each form was of such length that it could be administered within a class period of forty-five minutes. As a preliminary tryout the forms were administered to 860 students. After further revision, approximately 50,000 printed tests were sent to 295 schools who had expressed their willingness to cooperate in the survey. The schools represent various types with reference to personnel, student-body, population of city, and size of school. An effort was made to have the sampling random and as representative as possible.

### The Survey

When the printed tests were sent to the cooperating schools in May 1933 definite rules and regulations for administering the tests were prescribed. The prompt return of the tests and the numerous letters from principals and teachers testified to the conscientious adherence to the regulations. After

eliminating those tests found for some reason to be unusable, there remained a total of 43,150 tests from 275 schools, distributed throughout forty-one states and the District of Columbia. With the aid of a large corps of assistants the tests were scored, and the results of approximately five million test items were tabulated. A carefully planned technic was followed in scoring the tests and in recording the results. The next step was to compute the percentages of correct responses. Table VI in Chapter IV presents approximately 6500 percentages, the results on the individual test questions administered to students in Grades 7 through 12.

### Analysis and Interpretation

In the analysis and interpretation of the data, the purpose was to answer two major questions: (1) How well have students in the senior year of high school learned the minimum essentials? and (2) What curricular implications does a comparative study of the results in the seventh grade with those in the twelfth grade reveal?

Tables VII, VIII, and IX (derived from Table VI) present the scores made by the twelfth-grade students on each test item in terms of percentages of correct answers. Tables X and XI summarize the data. Tables XII, XIII, and XIV list the scores made by students in Grade 7 and in Grade 12, and the percentages of gain or loss students show over a period of five years. Two summary tables present a graphic view of the gain or loss students show from Grade 7 to Grade 12 and brief comments on the results.

The following are among the more important findings and conclusions:

1. The test contains 931 doctrinal facts or truths. At the end of the



elfth grade the knowledge students have of these facts is as follows:

	<u>Practically all students know</u>	<u>90 to 94 per cent of the students know</u>	<u>Knowledge unsatis- factory</u>	<u>Knowledge decidedly unsatis- factory</u>	<u>Total Number of Items</u>
Apostles' Creed	104	71	108	79	362
Commandments	135	81	98	55	369
Means of Grace	74	39	50	37	200

2. The following table presents in outline the knowledge of twelfth-grade students in terms of per cent of essentials correctly answered:

	<u>Practically all students know</u>	<u>90 to 94 per cent of the students know</u>	<u>Knowledge unsatis- factory</u>	<u>Knowledge decidedly unsatisfactory</u>
Apostles' Creed	28.7	19.6	29.9	21.8
Commandments	36.0	22.0	27.0	15.0
Means of Grace	37.0	19.5	25.0	18.5

The essentials pertaining to the Commandments have been most adequately learned; those referring to the Means of Grace follow closely; and those applying to the Apostles' Creed show the lowest percentage of knowledge.

3. The test contains fifty-five topics: twenty-three refer to the Apostles' Creed, nineteen to the Commandments, and thirteen to the Means of Grace. In twenty-four topics 50 per cent or more of the facts have not been learned satisfactorily: fourteen refer to the Apostles' Creed, five to the Commandments, and five to the Means of Grace.

4. The test contains eighty-three definitions. Forty-one have not been satisfactorily learned.

5. By the end of the seventh grade over 90 per cent of the students know 185 of the essentials: fifty-seven pertain to the Apostles' Creed, seventy-seven to the Commandments, and fifty-one to the Means of Grace. There seems to be no justification for teaching these essentials in high school. The data, however, indicate that occasional testing for retention

is advisable.

6. The following table summarizes the percentage of gain students show from Grade 7 to Grade 12.

Growth--Per Cent	No. of Essentials	Achievement in the Twelfth Grade			
		Practically Perfect	90 to 94 per cent Know	Unsatis- factory	Decidedly Unsatis- factory
20 per cent or more	214	20	50	100	44
15.0 to 19.9	137	30	33	34	40
10.0 to 14.9	140	43	31	38	28
5.0 to 9.9	157	58	37	43	19
0.0 to 4.9	63		17	23	23

7. For thirty-five facts the percentage of achievement is less in the twelfth grade than in the seventh grade.

The following are recommendations.

1. A detailed study of the data not only reveals defects, but also suggests means to overcome such defects, some of which are as follows: (1) students should be given a better insight into relationships; (2) students should have a clearer understanding of the meaning of terms; (3) illustrations from practical situations should be presented to the class whenever possible; (4) the peculiar social needs of today should be seriously considered in the teaching of religious doctrine; (5) memorization should follow explanation and understanding; (6) there should be occasional checking and testing for progress; (7) remedial teaching or reteaching should follow the testing; (8) more attention should be given to individual differences by means of individual guidance or group instruction.

2. In writing a series of textbooks for the teaching of religion in the high school or in compiling a handbook for the teaching of the minimum essentials, the data of the present study offer a partial solution to the problem of teaching the minimum essentials of religious doctrinal truths.

A. M. D. G.

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APPENDIX I

A LIST OF THE COOPERATING SCHOOLS



A LIST OF THE COOPERATING SCHOOLS

THE LOYOLA SURVEY, MAY, 1939

Sister M. Angela, O.S.B.

St. Paul's School, Birmingham, Alabama

Sister Mary Frederic,

Bishop Toolen High School, Mobile, Alabama

Reverend A. J. Hackett, C.S.J.

St. John's Rectory, Tuscaloosa, Alabama

Sister M. Geralda,

Loretto School, Douglas, Arizona

Sister M. Emily,

SS. Peter and Paul School, Tucson, Arizona

Reverend Gerald David Flynn, S.J.

Loyola High School, Los Angeles, California

Sister Mary Clara, Principal,

Holy Name Central High School, Oakland, California

Reverend Raymond J. Buckley, S.J.

Saint Ignatius High School, San Francisco, California

Reverend Merlin Joseph Guilfoyle,

Academy of Presentation, San Francisco, California

Sister M. Georgetta, S.L.,

St. Mary's School, Colorado Springs, Colorado

Sister M. Georgiana,

St. Francis de Sales School, Denver, Colorado

Sister M. Laurentine, Principal,

Cathedral High School, Denver, Colorado

Sister Mary Verona,

St. Peter's School, New Castle, Delaware

Reverend P. H. Dagneau, S.M.

Marist College High School, Atlanta, Georgia

Sister Gerard Joseph,

Sacred Heart School, Savannah, Georgia

Brother Nicholas, F.M.S.

Marist School for Boys, Savannah, Georgia

Mother Gertrude, O.S.U.

Marquette High School, Alton, Illinois

Sister M. Evangela, S.S.N.D.

Aviston Community High School, Aviston, Illinois

Sister M. Elizabeth,

Madonna High School, Aurora, Illinois

Mother M. Loretto,

Academy of Notre Dame, Belleville, Illinois

Sister M. Ursula,

Alvernia High School, Chicago, Illinois

Sister M. Wilfrida, R.S.M.

St. Anne's School, Chicago, Illinois

Sister M. de Lellis,

Aquinas High School, Chicago, Illinois

Sister Mary Macarius,

Blessed Sacrament School, Chicago, Illinois

Sister Superior,

St. Elizabeth's High School, Chicago, Illinois

Franciscan Sisters,

Five Holy Martyrs School, Chicago, Illinois

Mother Mary Benedict, S.H.C.J.

St. Ignatius School, Chicago, Illinois

Sisters of Mercy,

St. Ita's School, Chicago, Illinois

Brother L. S. Ward,

Leo High School, Chicago, Illinois

Sister Mary Huberta, R.S.M.

Little Flower School, Chicago, Illinois

Reverend H. F. Brucker, S.J.

Loyola Academy, Chicago, Illinois

Sister Mary Augustus,

St. Mary's High School, Chicago, Illinois

2  
Sister M. Henrica, P.H.J.C.

St. Joseph's School, Mishawaka, Indiana

Sister M. Floriana, P.H.J.C.

St. Bavo's School, Mishawaka, Indiana

Sister Mary Benedicta,

St. Adalbert's School, South Bend, Indiana

Sisters of Divine Charity,

Our Lady of Hungary School, South Bend, Indiana

Sister M. Irmine, O.S.B.

St. Paul's School, Tell City, Indiana

Sister M. Madeleine,

St. Angela's Academy, Carroll, Iowa

Sister M. Loyola,

Immaculate Conception School, Cherokee, Iowa

Reverend Bernard G. Collins

Immaculate Conception School, Cedar Rapids, Iowa

Sister Mary Floretta, B.V.M.,

St. Paul the Apostle School, Davenport, Iowa

Sisters of Charity,

St. Anthony's School, Dubuque, Iowa

Sister Mary Michael,

Holy Ghost School, Dubuque, Iowa

Sister Mary Martine, B.V.M.

St. Joseph's Academy, Dubuque, Iowa

Sister Mary Anita,

St. Mary's School, Dubuque, Iowa

Sister M. Denise, V.H.M.

Nativity School, Dubuque, Iowa

Sisters of Charity,

St. Patrick's School, Dubuque, Iowa

Sister Mary Francis Clare, B.V.M.

St. Raphael's School, Dubuque, Iowa

Sister M. Gerard, Principal,

Catholic Central High School, Fort Madison, Iowa

28  
School Sisters of Notre Dame,  
St. Mary's School, Fort Madison, Iowa

Sister Mary,  
St. Peter's School, Keokuk, Iowa

Sister Mary Vivian,  
St. Joseph's School, Mason City, Iowa

Sister Mary Naomi, B.V.M.  
Saint Mary's School, Riverside, Iowa

Sister Mary Callista, B.V.M.  
Cathedral School, Sioux City, Iowa

Sister Rosemary,  
St. Mary's School, Waterloo, Iowa

Sister Mary Huberta,  
Sacred Heart School, Waterloo, Iowa

Sister Rose Catherine,  
Ward High School, Kansas City, Kansas

Sister M. Baptista,  
Immaculata High School, Leavenworth, Kansas

Sister Mary Elizabeth,  
Blessed Sacrament School, Kansas City, Kansas

Sister Ann Thomas,  
St. Rose of Lima School, Kansas City, Kansas

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Sister M. Sylvester,  
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Sister M. Casilda, Principal,  
Sacred Heart Academy, Louisville, Kentucky

Sisters of the Blessed Sacrament,  
Sacred Heart High School, Lake Charles, Louisiana

Reverend Joseph C. Mulhern, S.J.  
Jesuit High School, New Orleans, Louisiana

Sisters of the Blessed Sacrament,  
Xavier Preparatory High School, New Orleans, Louisiana

Sisters of Notre Dame,  
Sacred Heart of Jesus School, New Orleans, Louisiana

Brother Boniface, I.C.  
Notre Dame Institute, Alfred, Maine

Reverend Michael P. Davis,  
Cheverus Classical High School, Portland, Maine

Sister M. Coeline,  
Notre Dame of Maryland High School, Baltimore, Maryland

Sister Mary P. Claver,  
St. Ambrose School, Baltimore, Maryland

Sister Mary Hortense,  
St. Paul's School, Baltimore, Maryland

Sister M. Margaret Loretto  
Cathedral Grammar and High School, Boston, Massachusetts

Sister M. Theonilla, Principal,  
St. Columbkille's School, Brighton, Massachusetts

Sister Saint Gabriel, Principal,  
St. Mary of the Assumption School, Brookline, Massachusetts

Sister M. Helena, O.S.F.

Mount Alvernia Academy, Chestnut Hill, Massachusetts

Sister Anita Margaret,

Saint Margaret's School, Dorchester, Massachusetts

Brother Joseph Abel,

Central Catholic High School, Lawrence, Massachusetts

Sister Mary Ernesta,

Holy Trinity High School, Roxbury, Massachusetts

Brother Aloysius, C.F.X.

Mission Church High School, Roxbury, Massachusetts

Sister M. Benedict, Principal,

St. Clement's School, West Somerville, Massachusetts

Sister Agnes Rita,

St. Ambrose's School, Detroit, Michigan

Sister M. Theodore, O.P.

Assumption Grotto School, Detroit, Michigan

Sister M. Justa,

St. Catherine's School, Detroit, Michigan

Franciscan Sisters,

St. Hedwig's School, Detroit, Michigan

Brother L. Meinhardt, S.M.

Holy Redeemer High School, Detroit, Michigan

Sister M. Borrromea, R.S.M.

St. Francis Xavier School, Grand Rapids, Michigan

Reverend W. J. Murphy,

Catholic Central High School, Grand Rapids, Michigan

Sister M. Joan, S.S.J.

St. Augustine's School, Kalamazoo, Michigan

Sister Mary Patricia,

Sacred Heart High School, Laurium, Michigan

Sister Mary Lidwina, R.S.M., Principal,

St. Andrew's School, Saginaw, Michigan

Sister M. Pia,

Loyola High School, Mankato, Minnesota

Sister Superior,  
SS. Peter & Paul School, Mankato, Minnesota

Brother Ambrose,  
De LaSalle High School, Minneapolis, Minnesota

Sister M. Richarda,  
Cathedral High School, St. Cloud, Minnesota

Sister Therese Marie, O.S.B.  
Holy Angels School, St. Cloud, Minnesota

Sister Mary John,  
St. Joseph's Academy, St. Paul, Minnesota

Sister Marie Ursula,  
Derham Hall High School, St. Paul, Minnesota

Reverend Donald J. Gormley,  
College of St. Thomas, St. Paul, Minnesota

Sister M. Hildegard, R.S.M.  
St. Francis Xavier Academy, Vicksburg, Mississippi

Sister M. Loyola,  
St. Joseph's School, Jackson, Mississippi

Sister Dolores,  
St. Joseph's School, Natchez, Mississippi

Sister Mary Arsinis, S.S.N.D.  
St. Mary's School, Cape Girardeau, Missouri

Brother Lawrence Edward, F.S.C.  
De LaSalle Academy, Kansas City, Missouri

Sister M. Gonzaga,  
St. Teresa's Academy, Kansas City, Missouri

Sister M. St. Albert, B.V.M.  
St. Francis Xavier School, St. Louis, Missouri

Sister M. Felix, O.P.  
St. Mark's High School, St. Louis, Missouri

Brother Julius J. Kreschel, S.M.  
William Cullen McBride High School, St. Louis, Missouri

Sister Ignatia,  
St. Patrick's School, Butte, Montana

2  
Sister M. Jahannina,  
St. Francis High School, Humphrey, Nebraska

Sister Miriam,  
St. Thomas Aquinas School, Reno, Nevada

Sister Maria Stella,  
Good Counsel School, Newark, New Jersey

Sister M. Herbert,  
Guadalupe School, Santa Fe, New Mexico

Sister Superior,  
St. Catherine's High School, Santa Fe, New Mexico

Reverend John F. Ross, Principal,  
The Bishop McDonnell Memorial High School, Brooklyn, New York

Brother Bernard, O.S.F.  
St. Francis Preparatory School, Brooklyn, New York

Sisters of St. Mary,  
Annunciation School, Buffalo, New York

Sister Mary Anna,  
Holy Family School, Buffalo, New York

Mother Charles,  
Blessed Sacrament School, New Rochelle, New York

Sister M. Leona,  
St. Teresa's School, North Tarrytown, New York

Brother Louis-Omer,  
St. Agnes High School, New York, New York

Sister Mary Concepta, Principal,  
Aquinas Hall High School, Bronx, New York City, New York

Sister Miriam de Sales,  
Ascension School, New York, New York

Sister Mary Berchmans,  
St. Barnabas High School, New York, New York

Sister M. Bernardita,  
Cathedral High School, New York, New York

Sister M. Angela, R.S.M.  
St. Francis de Sales School, New York, New York



Sister Agnes Marilda,  
Holy Name School, New York, New York

Sister Maria Assumpta,  
Immaculata High School, New York, New York

Sister M. Clarissa, Principal,  
St. Jean Baptiste High School, New York, New York

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St. Paul Apostle School, New York, New York

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Sister Mary Ursula, R.S.M.  
St. Mary's Academy, Devils Lake, North Dakota

Sister M. Hermina, O.S.B.  
St. Joseph's School, Dickinson, North Dakota

Sister M. Camillus,  
Sacred Heart Academy, Fargo, North Dakota

Sister M. Yvonne,  
St. John's Academy, Jamestown, North Dakota

- Sister M. Lelia,  
St. Anthony's School, Fargo, North Dakota
- Sister M. Ottilia, O.S.B.  
St. Joseph's School, Mandan, North Dakota
- Medicine Sisters,  
St. Mary's School, Richardton, North Dakota
- Sister Mary Regina,  
St. John's School, Bellaire, Ohio
- Sister M. Viola, O.S.F.  
St. Bonaventure School, Cincinnati, Ohio
- Sister Marie Dennis,  
St. Lawrence School, Cincinnati, Ohio
- Sister Superior,  
Madonna High School, Cincinnati, Ohio
- Sister Mary de Chantal, R.S.M.  
Our Lady of Mercy High School, Cincinnati, Ohio
- Sister Delphine,  
St. Ann's School, Cleveland, Ohio
- Sister Rafael, Principal,  
Holy Name School, Cleveland, Ohio
- Sister M. Holda, C.P.P.S.  
Our Lady of Good Counsel School, Cleveland, Ohio
- Sister M. Pius,  
St. Peter's School, Columbus, Ohio
- Sister Blandine, S.N.D.  
Holy Family School, Dayton, Ohio
- Sister M. Adona,  
Regina High School, Norwood, Ohio
- Sister Rose Marie,  
Holy Name School, Steubenville, Ohio
- Sister M. Clarice,  
Blessed Sacrament School, Toledo, Ohio
- Sister M. Godfrey,  
Notre Dame Academy, Toledo, Ohio

Reverend R. G. Kirsch,  
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St. Gregory Abbey, Shawnee, Oklahoma

Sister Mary Joan,  
St. Mary's School, Eugene, Oregon

Sister Flavia Maria,  
The Madeleine Grade and High School, Portland, Oregon

Brother Ernest, C.S.C.  
Portland University, Portland, Oregon

Sister Mary Egidius,  
Sacred Heart School, Braddock, Pennsylvania

Sister M. Rosaria,  
St. Bernard's School, Bradford, Pennsylvania

Sisters of the Blessed Sacrament,  
Blessed Sacrament High School, Cornwells Heights, Pennsylvania

Sister M. Francesca Brownslee,  
St. Joseph's Academy, Greensburg, Pennsylvania

Sister M. Gertrude,  
St. Mary's School, McKees Rocks, Pennsylvania

Sister M. Ligouri,  
Mt. Alvernia High School, Millvale, Pennsylvania

Sister M. Ambrose,  
St. Joseph's High School, Natrona, Pennsylvania

Mother Simeon,  
John W. Hallahan Catholic Girls' High School, Philadelphia,  
Pennsylvania

Sister Elise,  
West Philadelphia Catholic Girls' High School, Philadelphia,  
Pennsylvania

Sister M. Victorine,  
St. Augustine's School, Pittsburgh, Pennsylvania

Sister M. de Sales,  
St. George's School, Pittsburgh, Pennsylvania

Sister Maria Benedict,  
St. James School, Pittsburgh, Pennsylvania

Sister M. Jean Francis,  
St. Joseph's School, Pittsburgh, Pennsylvania

Sister M. Vincentia,  
St. Michael's School, Pittsburgh, Pennsylvania

Sister M. Eugenia,  
Sacred Heart High School, Pittsburgh, Pennsylvania

Sister M. Alice,  
St. Paul's Cathedral School, Pittsburgh, Pennsylvania

Sister Mary Clare,  
St. Mary's Convent, Sharpsburg, Pennsylvania

Sister Mary Amadeua, R.S.M.  
St. Michael's School, Providence, Rhode Island

Right Reverend Msgr. Joseph L. O'Brien,  
St. Patrick's Rectory, Charleston, South Carolina

Sister M. Loyola,  
St. Agatha's School, Howard, South Dakota

Sister Mary Adorinus,  
Cathedral School, Rapid City, South Dakota

Sister M. Vivian, Principal  
Mount Marty High School, Yankton, South Dakota

Sister Jane Frances, O.P.  
Notre Dame High School, Chattanooga, Tennessee

Sister M. Gabriel, R.S.M.  
Catholic High School, Knoxville, Tennessee

Sister Mary Victorine, S.N.D.  
St. Thomas School, Memphis, Tennessee

Reverend Ernest Wiley,  
Father Ryan High School, Nashville, Tennessee

Sister Cor Maria, Superior,  
St. Mary's Academy, Austin, Texas

Reverend T. S. Zachry,  
St. Joseph's High School, Dallas, Texas

Brother Adelbert,  
Kirwin High School, Galveston, Texas

Sisters of the Blessed Sacrament,  
Sacred Heart High School, Port Arthur, Texas

Sister M. Alfreda,  
Judge Memorial School, Salt Lake City, Utah

Sister Ann Elizabeth, C.S.C.  
Holy Trinity High School, Norfolk, Virginia

Sister Mary Martina, S.C.N.  
St. Andrew's School, Roanoke, Virginia

Sister Superior,  
St. Francis De Sales High School, Rock Castle, Virginia

Sister Mary Francis,  
St. Leo's School, Tacoma, Washington

Sister Elicia, O.S.B.  
Holy Rosary School, Tacoma, Washington

Reverend F. J. Kane,  
Marquette High School, Yakima, Washington

Sister M. Florentine,  
Sacred Heart High School, Charleston, West Virginia

Sister M. Alphonse,  
St. Alphonsus School, Wheeling, West Virginia

Sister Lucilla,  
St. Joseph's School, Appleton, Wisconsin

Sister M. Lumina,  
St. Therese's School, Appleton, Wisconsin

Sister Superior,  
St. Agnes School, Ashland, Wisconsin

Sister M. Lamberta,  
De Padua High School, Ashland, Wisconsin

Reverend Joseph E. Hanz,  
Brother Dutton School, Beloit, Wisconsin

Sisters of Notre Dame,  
St. Mary's School, Burlington, Wisconsin

Sister M. Filiona,  
McDonnell Memorial High School, Chippewa Falls, Wisconsin

Reverend Stephen Anderl,  
Aquinas High School, LaCrosse, Wisconsin

Sister M. Bernardo,  
St. Mary's School, Menasha, Wisconsin

Sister Mary Viola, O.S.F.  
St. Joseph's High School, Milwaukee, Wisconsin

Reverend John M. Voelker, M.H.  
Messmer High School, Milwaukee, Wisconsin

Sister M. Frederica,  
St. Michael's School, Milwaukee, Wisconsin

Sister M. Amata, O.P.  
St. Robert's School, Milwaukee, Wisconsin

Sister Mary Bede,  
St. Vincent's School, Oshkosh, Wisconsin

Reverend A. J. Muntsch, S.J.  
Campion School, Prairie du Chien, Wisconsin

Reverend Thomas F. Berry,  
Pio Nono High School, St. Francis, Wisconsin

Sister M. Rufine,  
St. Peter's School, Stevens Point, Wisconsin

Sister M. Albertine,  
Cathedral School, Superior, Wisconsin

Sisters of St. Agnes,  
St. Luke's School, Two Rivers, Wisconsin

Reverend Joseph F. Linde, O.P.  
St. Norbert College High School, West De Pere, Wisconsin

Sister Marian,  
St. Mary's Academy, Cheyenne, Wyoming

Sisters of Charity,  
Holy Name School, Sheridan, Wyoming

Sister M. Deodata,  
Holy Name School, Washington, District of Columbia

Sister M. Clotile,  
St. Cecilia's School, Washington, District of Columbia

Sister Margaret Mary Sheerin,  
Georgetown Visitation Convent, Washington, District of Columbia

Brother Felix Francis, F.S.C.  
St. John's College High School, Washington, District of Columbia

Sister M. Irene, O.P.  
Sacred Heart Academy, Washington, District of Columbia

APPENDIX II  
LETTERS SENT TO PRINCIPALS, TEACHERS, AND OTHER  
RELIGIOUS EDUCATORS



COPY

LOYOLA UNIVERSITY  
DEPARTMENT OF EDUCATION  
28 NORTH FRANKLIN STREET  
CHICAGO, ILLINOIS

Some months ago you were kind enough to serve as a juror in connection with our study of the minimum essentials in high-school religion.

The task of tabulating the returns was of course a laborious one, and has only recently been completed. Considering as essential those items which received 75 per cent of the maximum possible vote--that is, equivalently, items which three out of four jurors looked upon as essential--we find that 963 of the 2,187 items in the check list are essential.

Limitations of space make it impossible for us to give the list of these items here, but we are engaged in preparing a printed research report, a copy of which will be presented to you with our compliments when it is off the press.

We feel that it is desirable to give in our published report, without mentioning names, information concerning the status and experience of our jurors. We are enclosing a post card which we trust you will be kind enough to fill out and return.

We have prepared objective tests on the 963 essentials, and intend administering these tests to about 50,000 pupils throughout the nation early in May. The results will be a standardized test with several forms of equal difficulty and with norms based on an adequate number of cases.

We hesitate to request our jurors, who have already given us so much of their time, to administer these tests in their own schools; but if you or any of your colleagues should be interested in participating in this study we shall be very happy indeed to place you on our list of cooperating schools and send you the necessary material. The tests are arranged in eight forms, and pupils will be asked to take one form only, which preliminary tryouts indicate can easily be done in forty-five minutes. It may be necessary for us, in order to obtain the necessary sampling, to use only one or two classes in a school. In case you desire to give the tests in May, kindly let us have at once the name and address of the school (or schools) to which material should be sent, and be sure to state the enrollment in each of the grades.

Sincerely yours,

COPY

LOYOLA UNIVERSITY  
DEPARTMENT OF EDUCATION  
28 NORTH FRANKLIN STREET  
CHICAGO, ILLINOIS

You may perhaps have heard of the Loyola Survey of the Minimum Essentials in Religion, the purpose of which was to determine what facts in religion are so important that every high-school graduate should understand them thoroughly and remember them for life.

After making a list of some 10,000 facts commonly taught in Grades 7-12, we threw out on the unanimous vote of six selected jurors a large number of facts which were manifestly not essential. This left us with 2,187 facts which we submitted in the form of a check list to some 350 carefully selected jurors throughout the entire country. Accepting a 75 per cent or more vote as decisive, we found that 963 facts constituted the minimum essentials.

We have now constructed objective tests covering these 963 items and intend administering them about the second week in May to some 50,000 pupils in Grades 7-12 throughout the country for the purpose of developing standardized tests on the minimum essentials which our schools can use to measure the achievement and progress of their pupils.

Will you cooperate by giving these tests in May to one or more of your classes? They are arranged in eight forms and no class will be expected to take more than one form, the time required as evidenced by preliminary tryouts being forty-five minutes. We shall ask you to be kind enough to permit us to decide in which classes in your school the tests are to be given as it is necessary for the purposes of sampling to get a certain geographical distribution of testees, and it may be that, even though you are willing to have the tests given in all classes, we may not be able to use more than one.

A self-addressed post card is inclosed for your convenience in replying.

Sincerely yours,

The dissertation, "Students! Knowledge of the Minimum Essentials in High-School Religion, Grades 7-12", written by Sister Mary Loyola Baitzer, P.H.J.C., has been accepted by the Graduate School with reference to form, and by the readers whose names appear below, with reference to content. It is, therefore, accepted in partial fulfillment of the requirements for the degree of Doctor of Philosophy.

Father Schmidt	October 31, 1940
Father Gleason	November, 1940
Dr. Scanlan	December 3, 1940
Mr. Laughlin	December, 1940